

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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# Contents

I Infrastructure	13
preintro.mp	15
Infrastructure . . . . .	15
Font Parameter Defaults . . . . .	16
tsuku-bk.mp	18
tsuku-kg.mp	19
tsuku-mg.mp	20
tsuku-mi.mp	21
tsuku-ps.mp	22
tsuku-bq.mp	23
tsuku-dq.mp	24
tsuku-el.mp	25
tsuku-eq.mp	26
tsuku-lw.mp	27
intro.mp	28
fntbase.mp	46
General Library Functions . . . . .	46
Prefix And Suffix Handling . . . . .	53
A Module That Finds An Envelope Of A Path Drawn With A Pen . . . . .	55
Postscript Font Generation . . . . .	67
obstack.mp	89
Object Stack Data . . . . .	89
Object Stack Methods . . . . .	90
frac-intro.mp	95
latin-intro.mp	97
accent.mp	101
bcircle.mp	112
buildkanji.mp	115
dakuten.mp	132
enclosed.mp	133
genjimon.mp	135
hiragana.mp	147
Hiragana Vowels . . . . .	147
Hiragana Kakikukeko/Gagigugego . . . . .	152
Hiragana Sashisuseso/Zajizuzezo . . . . .	156
Hiragana Tachitsuteto/Dajizudedo . . . . .	162

Hiragana Naninuneno . . . . .	167
Hiragana Hahifuheho/Babibubebo/Papipupepo . . . . .	172
Hiragana Mamimumemo . . . . .	177
Hiragana Yayuyo . . . . .	183
Hiragana Rarirurero . . . . .	185
Hiragana Wawiwewo/N/Iteration . . . . .	191
iching.mp	199
katakana.mp	201
Katakana Vowels . . . . .	201
Katakana Kakikukeko/Gagigugego . . . . .	205
Katakana Sashisuseso/Zajizuzezo . . . . .	210
Katakana Tachitsuteto/Dajizudedo . . . . .	215
Katakana Naninuneno . . . . .	220
Katakana Hahifuheho/Babibubebo/Papipupepo . . . . .	225
Katakana Mamimumemo . . . . .	231
Katakana Yayuyo . . . . .	235
Katakana Rarirurero . . . . .	238
Katakana Wawiwewo/N/Iteration . . . . .	244
latin.mp	250
numerals.mp	339
ogonek.mp	350
punct.mp	362
serif.mp	404
 II Shared kyouiku kanji	 411
gradeone.mp	413
gradetwo.mp	481
gradethree.mp	556
gradefour.mp	598
gradefive.mp	634
gradesix.mp	650
 III Other shared kanji	 663
bottomrad.mp	665
leftrad.mp	668
radical.mp	678
rightrad.mp	716
toprad.mp	720
gradeeight.mp	726

gradenine.mp	770
rare.mp	798

IV U+0000 to U+2FFF	845
tsuku-00.mp	847
Ascii . . . . .	847
Latin-1 Extra Characters . . . . .	941
Accented Latin . . . . .	962
tsuku-01.mp	1020
Latin Extended A Uppercase . . . . .	1020
Latin Extended A Lowercase . . . . .	1075
Latin Extended A Other . . . . .	1133
tsuku-02.mp	1135
Latin Extended B . . . . .	1135
Spacing Modifier Letters . . . . .	1136
tsuku-03.mp	1145
Combining Diacritical Marks . . . . .	1145
tsuku-20.mp	1160
General Punctuation . . . . .	1160
tsuku-21.mp	1177
Symbols Required By Mes-1 . . . . .	1177
tsuku-24.mp	1183
Circled Numerals . . . . .	1183
Circled Latin And Zero . . . . .	1203
Inverted Circled Numerals . . . . .	1256
Doubly Circled Numerals . . . . .	1266
One More Inverted Circled Numeral . . . . .	1276
tsuku-25.mp	1278
Geometric Shapes . . . . .	1278
tsuku-26.mp	1280
I Ching . . . . .	1280
tsuku-27.mp	1297
Inverted Circled Numerals . . . . .	1297
tsuku-2e.mp	1308
Cjk Radicals Supplement . . . . .	1308
tsuku-2f.mp	1346
Kangxi Radicals . . . . .	1346
Ideographic Description Characters . . . . .	1466

V	U+3000 to U+4DFF	1481
	tsuku-30.mp	1483
	Ideographic Symbols And Punctuation . . . . .	1483
	Hiragana . . . . .	1503
	Katakana . . . . .	1548
	tsuku-31.mp	1595
	Phonetic Extensions For Ainu . . . . .	1595
	tsuku-32.mp	1612
	Circled Numerals . . . . .	1612
	Circled Katakana . . . . .	1642
	tsuku-34.mp	1690
	tsuku-4d.mp	1691
	I Ching . . . . .	1691
VI	U+4E00 to U+61FF	1757
	tsuku-4e.mp	1759
	tsuku-4f.mp	1796
	tsuku-50.mp	1852
	tsuku-51.mp	1865
	tsuku-52.mp	1882
	tsuku-53.mp	1915
	tsuku-54.mp	1944
	tsuku-55.mp	1955
	tsuku-56.mp	1961
	tsuku-57.mp	1971
	tsuku-58.mp	1981
	tsuku-59.mp	1990
	tsuku-5a.mp	2004
	tsuku-5b.mp	2006
	tsuku-5c.mp	2041
	tsuku-5d.mp	2065
	tsuku-5e.mp	2074
	tsuku-5f.mp	2112
	tsuku-60.mp	2171
	tsuku-61.mp	2220
VII	U+6200 to U+75FF	2227
	tsuku-62.mp	2229
	tsuku-63.mp	2250

tsuku-65.mp	2256
tsuku-66.mp	2282
tsuku-67.mp	2299
tsuku-68.mp	2318
tsuku-69.mp	2327
tsuku-6a.mp	2333
tsuku-6b.mp	2339
tsuku-6c.mp	2353
tsuku-6d.mp	2404
tsuku-6e.mp	2419
tsuku-6f.mp	2430
tsuku-70.mp	2435
tsuku-71.mp	2441
tsuku-72.mp	2448
tsuku-73.mp	2461
tsuku-74.mp	2462
tsuku-75.mp	2466

VIII U+7600 to U+89FF	2479
tsuku-76.mp	2481
tsuku-77.mp	2488
tsuku-78.mp	2498
tsuku-79.mp	2500
tsuku-7a.mp	2516
tsuku-7b.mp	2526
tsuku-7c.mp	2541
tsuku-7d.mp	2545
tsuku-7f.mp	2563
tsuku-80.mp	2568
tsuku-81.mp	2577
tsuku-82.mp	2583
tsuku-83.mp	2616
tsuku-84.mp	2630
tsuku-85.mp	2635
tsuku-86.mp	2637
tsuku-87.mp	2638
tsuku-88.mp	2640
tsuku-89.mp	2667

IX U+8A00 to U+9FFF	2683
tsuku-8a.mp	2685
tsuku-8b.mp	2741
tsuku-8c.mp	2744
tsuku-8d.mp	2755
tsuku-8e.mp	2759
tsuku-8f.mp	2764
tsuku-90.mp	2777
tsuku-91.mp	2795
tsuku-92.mp	2807
tsuku-93.mp	2811
tsuku-95.mp	2815
tsuku-96.mp	2832
tsuku-97.mp	2855
tsuku-98.mp	2859
tsuku-99.mp	2871
tsuku-9a.mp	2875
tsuku-9b.mp	2879
tsuku-9c.mp	2880
tsuku-9e.mp	2882
tsuku-9f.mp	2885
 X U+A000 to U+10FFFF	 2887
tsuku-f7.mp	2889
Latin Small Caps . . . . .	2889
tsuku-f9.mp	2916
tsuku-ff.mp	2918
Full-Width Forms . . . . .	2918
Half-Width Punctuation . . . . .	2944
Half-Width Katakana . . . . .	2947
tsuku-1f1.mp	3011
Squared Latin . . . . .	3011
Inverse Circled Latin . . . . .	3037
Inverse Squared Latin . . . . .	3063
tsuku-200.mp	3090
tsuku-20a.mp	3091
tsuku-21c.mp	3092
tsuku-295.mp	3093
tsuku-f17.mp	3094



Combining Dots For I Ching . . . . .	3094
Miscellaneous . . . . .	3103
Tomoe Ornaments . . . . .	3109
Heavy Metal Umlaut . . . . .	3117
Genjimon . . . . .	3134
tsuku-ff0.mp . . . . .	3188
Fraction Numerators . . . . .	3188
tsuku-ff1.mp . . . . .	3195
Fraction Denominators . . . . .	3195
 XI Jieubsida core . . . . .	 3197
hangul.mp . . . . .	3199
Jamo Combining Operations . . . . .	3201
jamo-basic.mp . . . . .	3209
Filler Jamo . . . . .	3209
Sios/Cieuc/Chieuch Family . . . . .	3209
Kiyeok . . . . .	3212
Nieun . . . . .	3213
Tikeut . . . . .	3215
Rieul . . . . .	3217
Mieum . . . . .	3218
Pieup . . . . .	3219
Sios . . . . .	3220
Jeung . . . . .	3220
Cieuc . . . . .	3221
Chieuch . . . . .	3222
Khieukh . . . . .	3223
Thieuth . . . . .	3224
Phieuph . . . . .	3225
Hieuh . . . . .	3227
Mixed Tails . . . . .	3228
Vowels . . . . .	3229
jamo-extra.mp . . . . .	3238
Pansios . . . . .	3241
Yesieung . . . . .	3241
Yeorinhieuh . . . . .	3242
Chitueum And Ceongchieum Variants . . . . .	3244
Kapyeoun Variants . . . . .	3245
hglextb.mp . . . . .	3246

Hangul Extension B . . . . .	3246
Hangul Jungseong (Vowel) Jamo Extension B . . . . .	3246
Hangul Jongseong (Tail) Jamo Extension B . . . . .	3269
jieub-bt.mp	3319
jieub-do.mp	3320
jieub-sm.mp	3321
hglpage.mp	3322
jieub-ll.mp	3324
Hangul Choseong (Lead) Jamo . . . . .	3324
Hangul Jungseong (Vowel) Jamo . . . . .	3419
Hangul Jongseong (Tail) Jamo . . . . .	3490
jieub-3l.mp	3579
Hangul Compatibility Jamo . . . . .	3579
jieub-a9.mp	3673
Hangul Choseong (Lead) Jamo Extended A . . . . .	3673
jieub-ac.mp	3703

## XII Jieubsida alternates 3757

jieub-ff2.mp	3759
Hangul Jungseong (Vowel) Jamo . . . . .	3759
Hangul Jungseong (Vowel) Jamo Extension B . . . . .	3830
jieub-ff3.mp	3854
Hangul Choseong (Lead) Jamo . . . . .	3854
jieub-ff4.mp	3979
Hangul Choseong (Lead) Jamo . . . . .	3979
jieub-ff5.mp	4104
Hangul Choseong (Lead) Jamo . . . . .	4104
jieub-ff6.mp	4229
Hangul Choseong (Lead) Jamo . . . . .	4229
jieub-ff7.mp	4354
Hangul Choseong (Lead) Jamo . . . . .	4354
Hangul Choseong (Lead) Jamo Extended A . . . . .	4449

## XIII TsuIta 4479

tsuita-common.mp	4481
tsuita-at.mp	4492
tsuita-so.mp	4493
Additional Proofs	4495

XIV	Blackletter Lolita	4549
	bll.mp	4551
	bll-co.mp	4556
	pentacross.mp	4557
	Utilities For Pentagrams And Crosses . . . . .	4557
	bll-f5c.mp	4559
	Pentagrams . . . . .	4559



Volume XII

## Jieubsida alternates

jieub-ff2.mp

**FF2**

jieub-ff3.mp

**FF3**

jieub-ff4.mp

**FF4**

jieub-ff5.mp

**FF5**

jieub-ff6.mp

**FF6**

jieub-ff7.mp

**FF7**



# jieub-ff2.mp

FF2

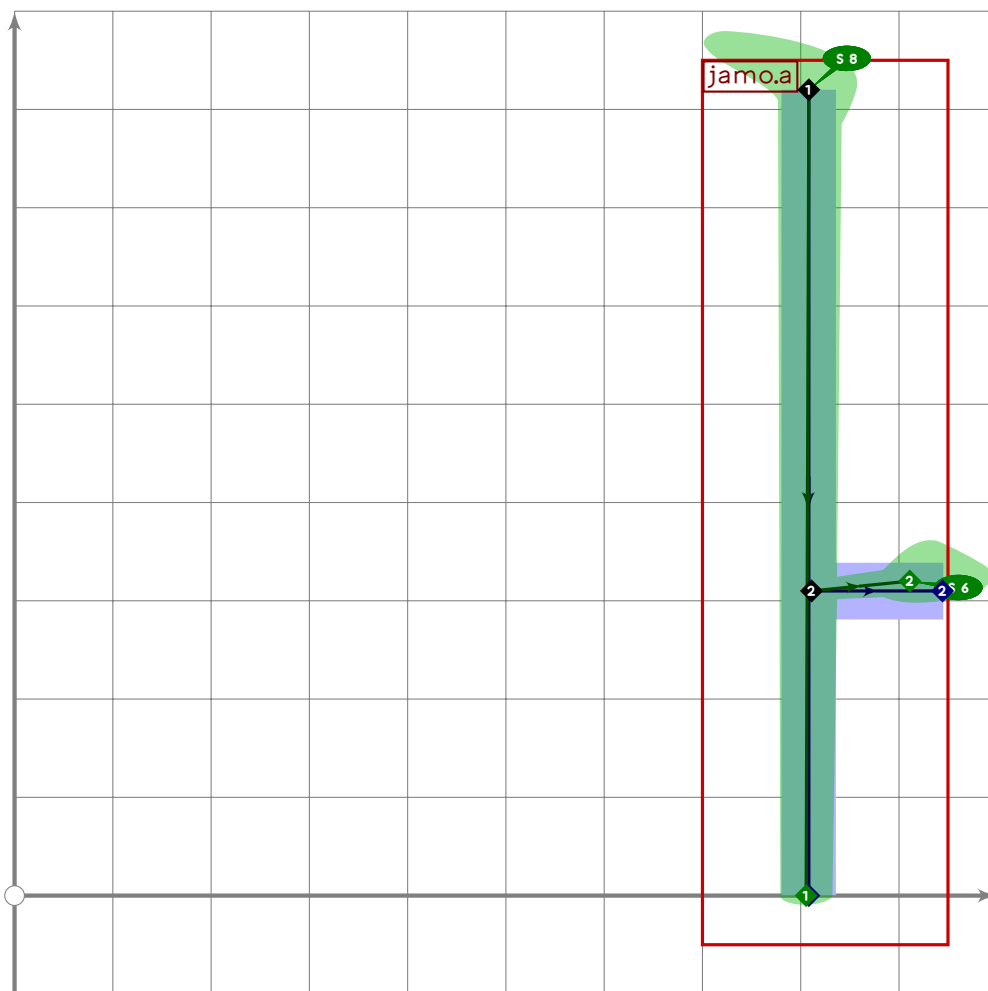
```
1 %
2 % Unicode page FF2 (alternate glyphs for vowel jamo) for Jieubsida
3 % Copyright (C) 2011, 2012 Matthew Skala
4 %
5-29 [Standard copyright notice]
30
31 _____
32
33 beginfont
34
35 % AUTODEPS
36 input hangul.mp;
37 input jamo-basic.mp;
38 input jamo-extra.mp;
39
40 do_late_includes;
41
42 _____
43
44 % This file covers vowel jamo for the "empty tail" layouts (layouts 3, 4,
45 % and 5). Consonant bug letters for layout 0, formerly on this page, have
46 % been moved to page FF7 because we ran out of space here on FF2. These are
47 % private-use code points and have no stability guarantees anyway.
48
49 transform lixf,loxf,vixf,tvixf,voxf;
50
51 lixf=loxf=hxf((50,850),(700,525));
52 vixf=hxf((700,275),(950,-50));
53 tvixf=hxf((700,335),(950,-50));
54 voxf=identity;
55
56 _____
57
```

## Hangul Jungseong (Vowel) Jamo

```
58 % HANGUL JUNGSEONG (VOWEL) JAMO
59
60 tsu_rescale_full;
61
```

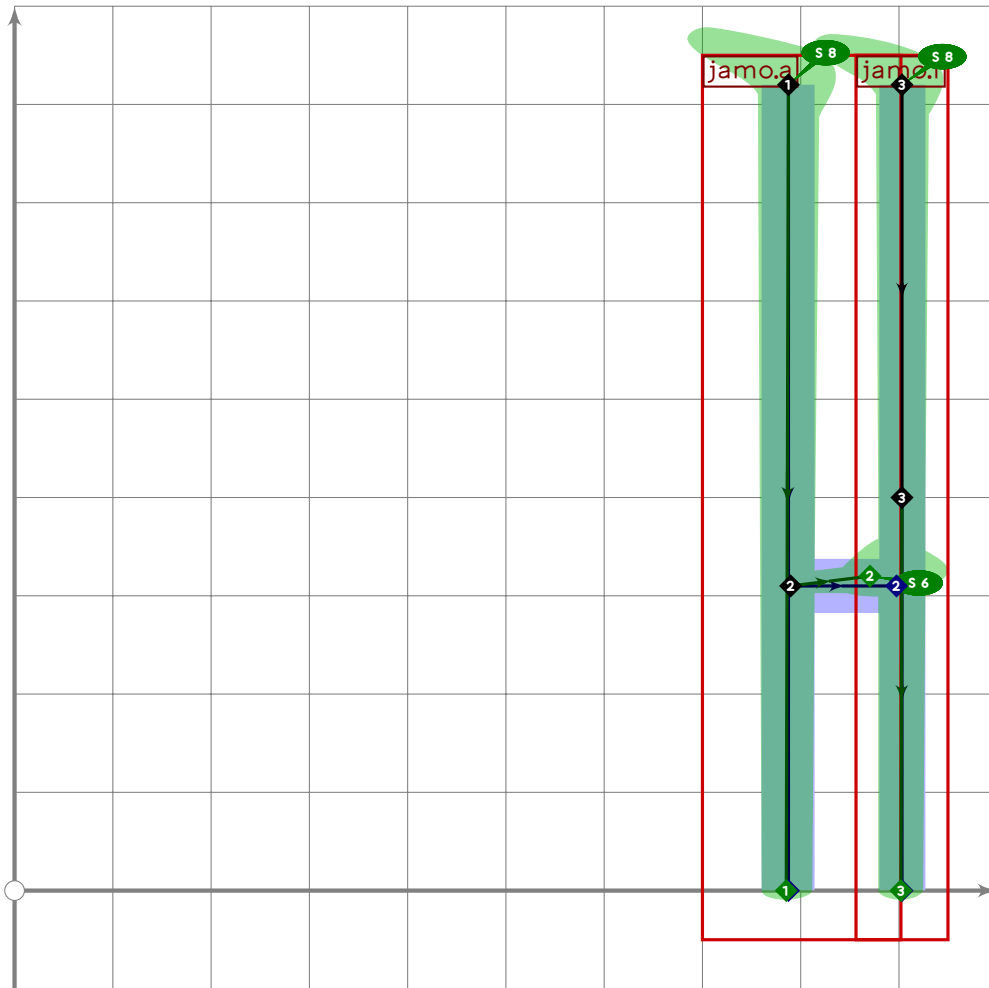
U+FF261  
jieub.uni1161.nt

FF2



```
62 % hangul vowel a
63 begintsuglyph("uni1161.nt";97);
64 hangul.jamo.a(300,vixf,vox);
65 tsu_render;
66 endtsuglyph;
67
```





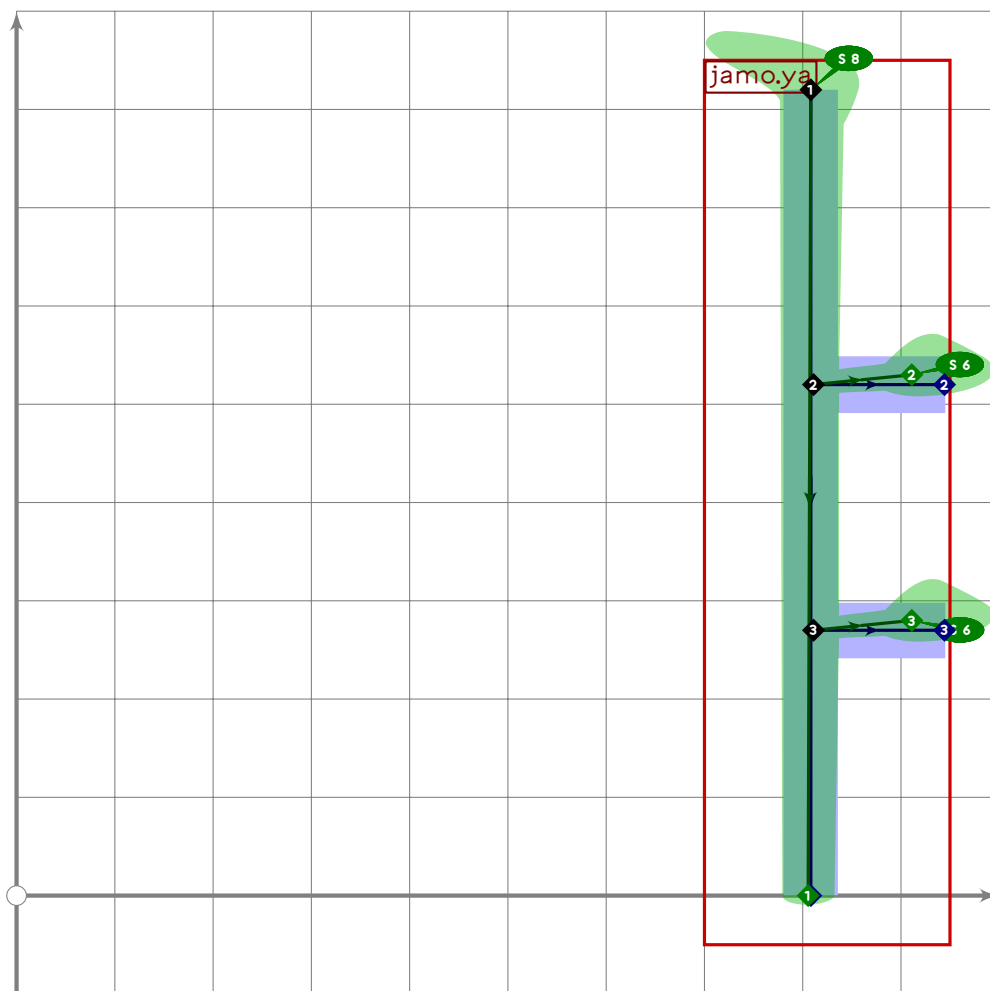
```

68 % hangul vowel ae
69 begintsuglyph("uni1162.nt";98);
70 hangul.combine.lr(300,320)(301,vixf,vox);
71 tsu_render;
72 endtsuglyph;
73

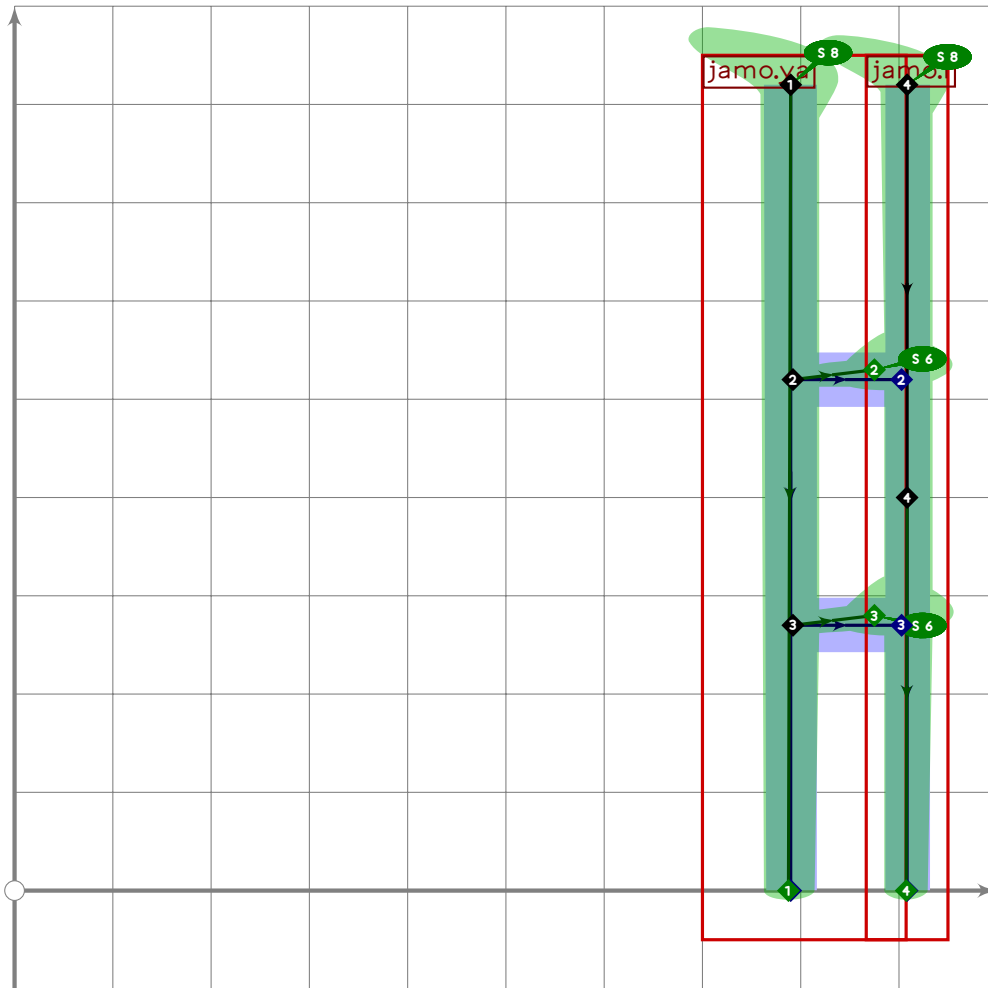
```

U+FF263  
jieub.uni1163.nt

FF2



```
74 % hangul vowel ya
75 begintsuglyph("uni1163.nt";99);
76 hangul.jamo.ya(302,vixf,vox);
77 tsu_render;
78 endsuglyph;
79
```



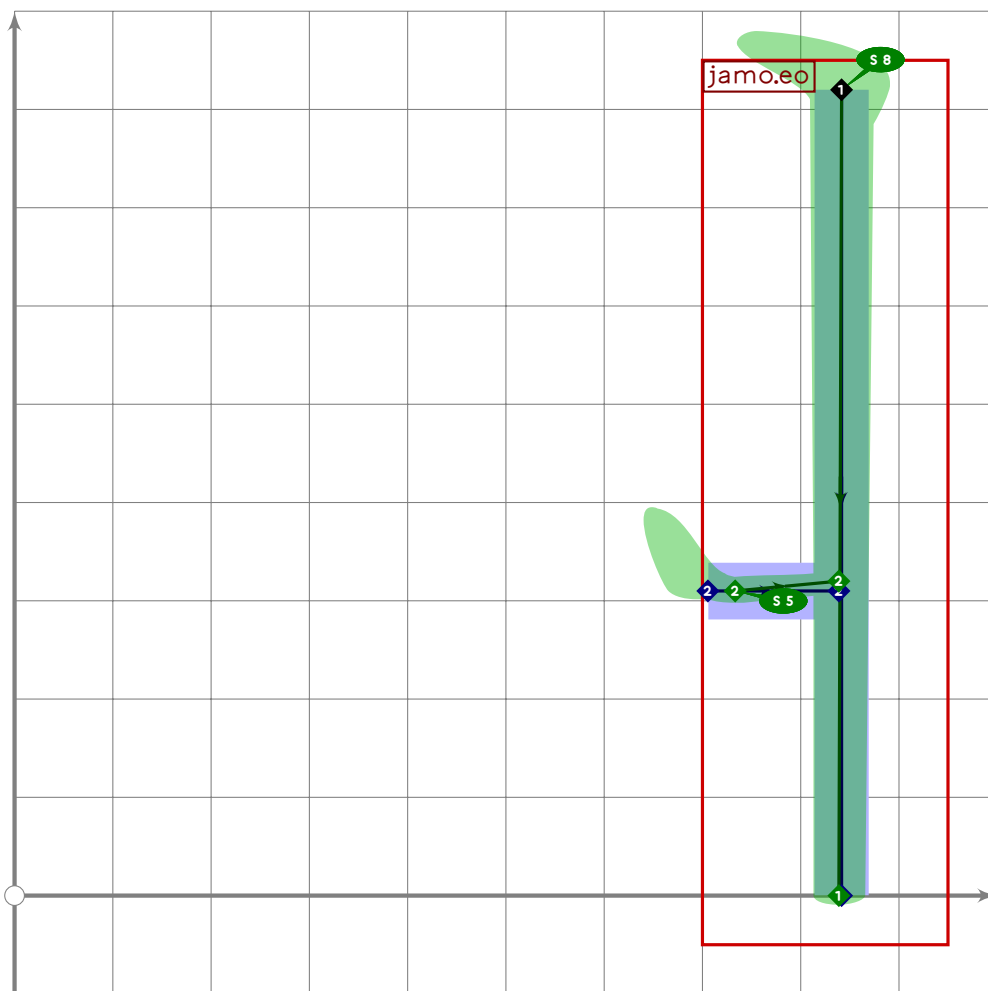
```

80 % hangul vowel yae
81 beginsuglyph("uni1164.nt";100);
82   hangul.combine.lr(302,320)(303,vixf,vox);
83   tsu_render;
84 endsuglyph;
85

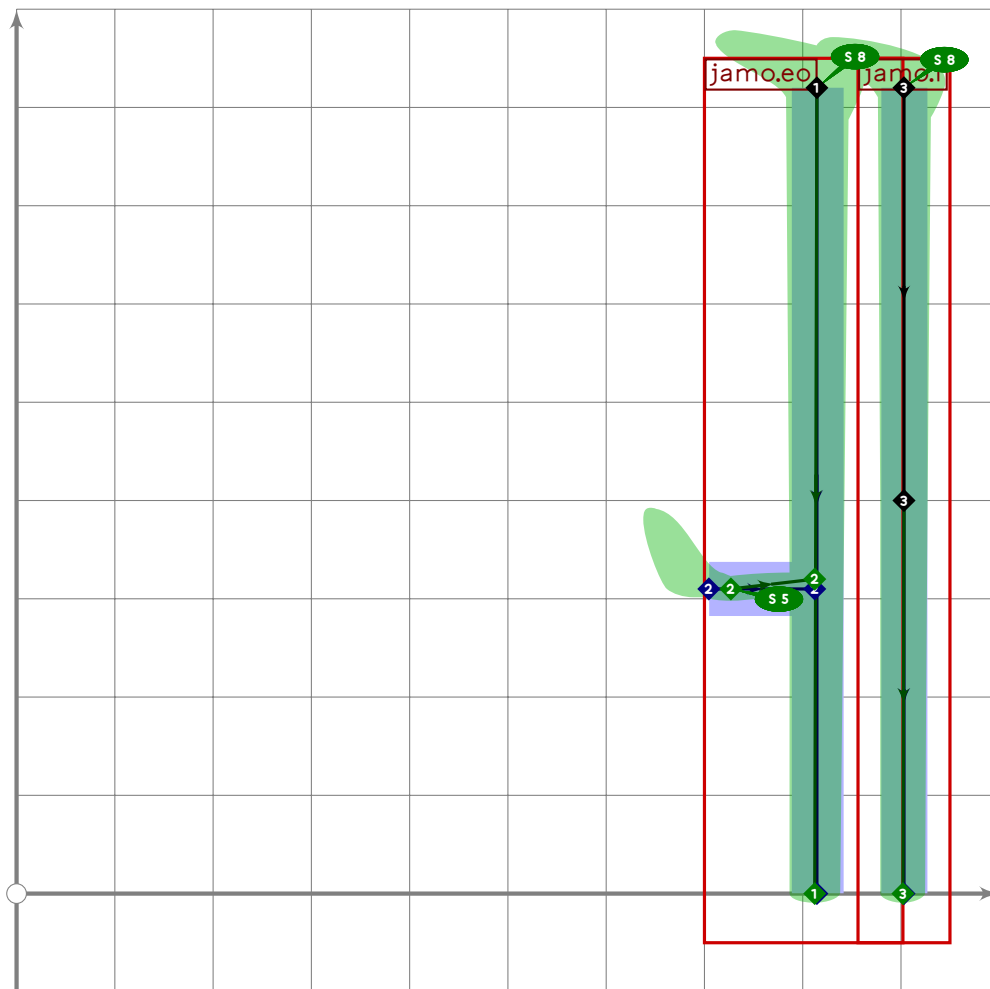
```

U+FF265  
jieub.uni1165.nt

FF2



```
86 % hangul vowel eo
87 begintsuglyph("uni1165.nt";101);
88   hangul.jamo.eo(304,vixf,vox);
89   tsu_render;
90 endtsuglyph;
91
```



FF2

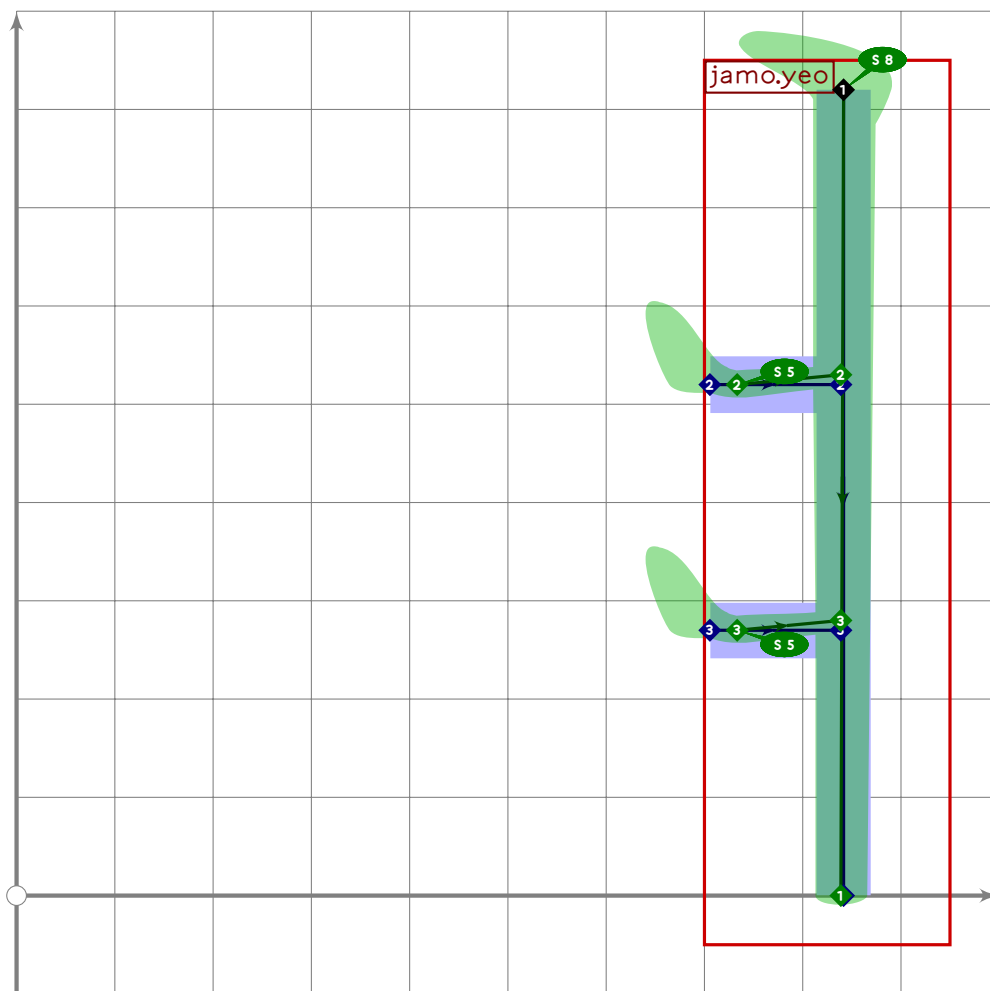
```

92 % hangul vowel e
93 beginsuglyph("uni1166.nt",102);
94 hangul.combine.lr(304,320)(305,vixf,voxf);
95 tsu_render;
96 endsuglyph;
97

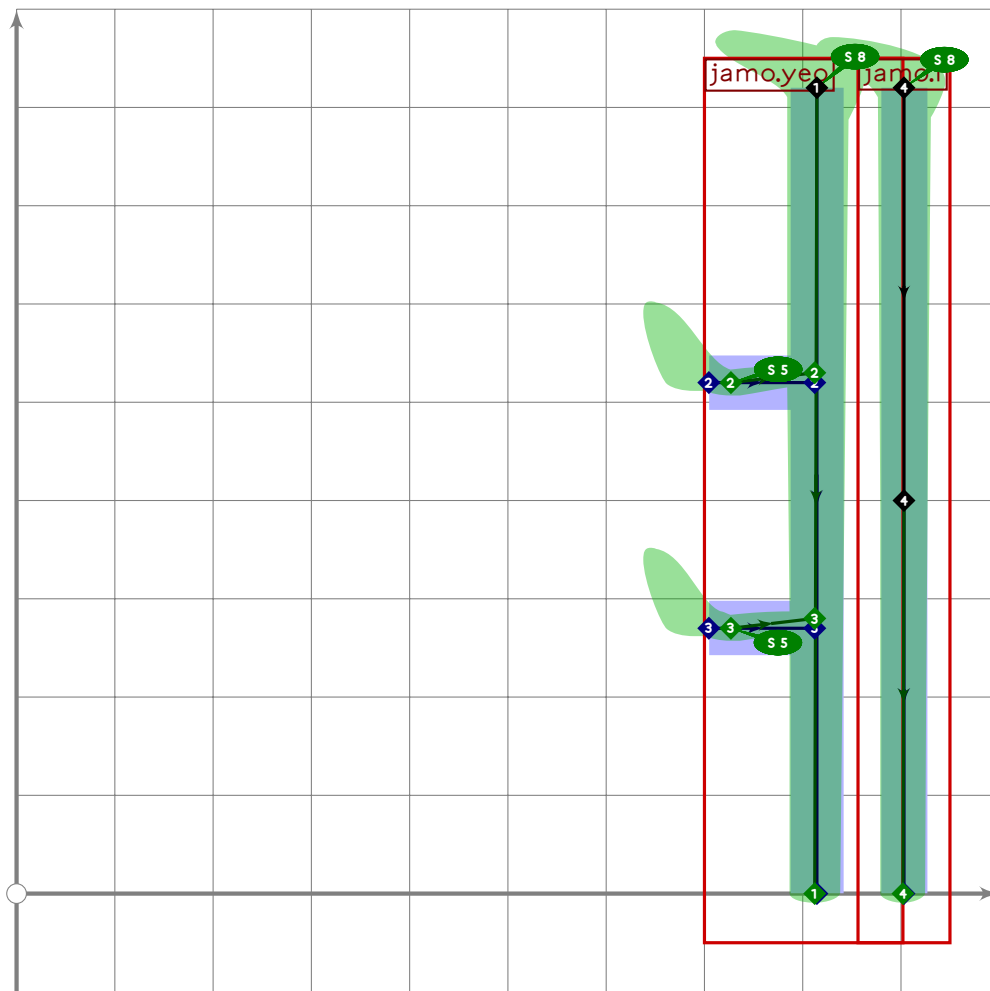
```

U+FF267  
jieub.uni1167.nt

FF2



```
98 % hangul vowel yeo
99 begintsuglyph("uni1167.nt",103);
100 hangul.jamo.yeo(306,vixf,voxhf);
101 tsu_render;
102 endtsuglyph;
103
```



FF2

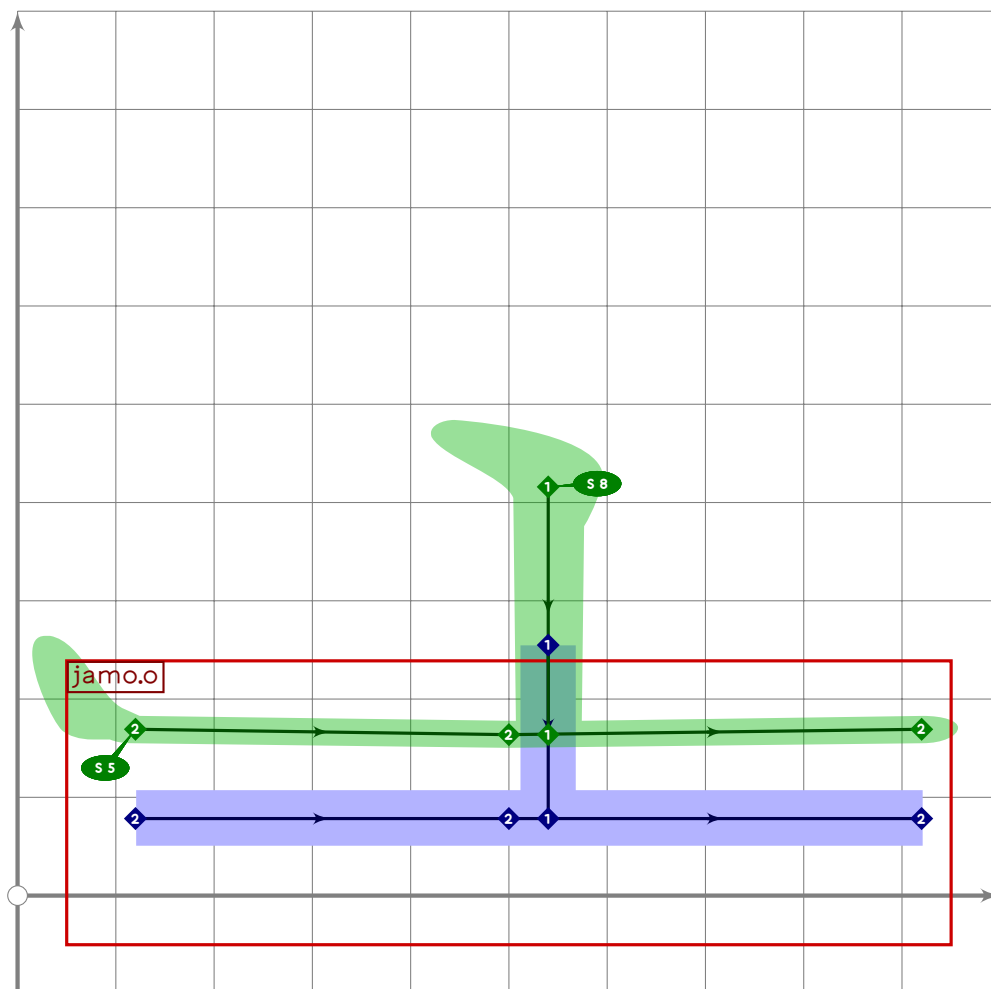
```

104 % hangul vowel ye
105 beginsuglyph("uni1168.nt",104);
106   hangul.combine.lr(306,320)(307,vixf,vox);
107   tsu_render;
108 endsuglyph;
109

```

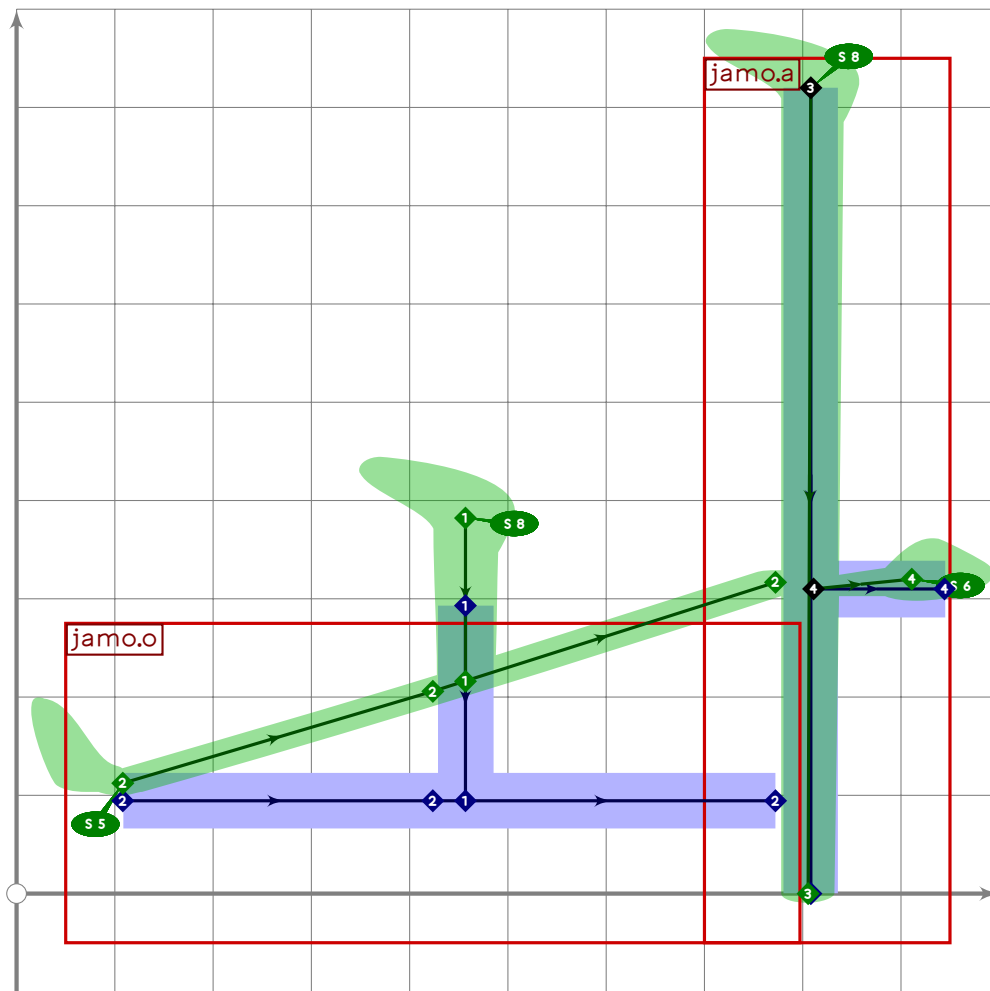
U+FF269  
jiejub.uni1169.nt

FF2



```
110 % hangul vowel o
111 begintsuglyph("uni1169.nt",105);
112 hangul.jamo.o(308,vixf,vox);
113 tsu_render;
114 endtsuglyph;
115
```





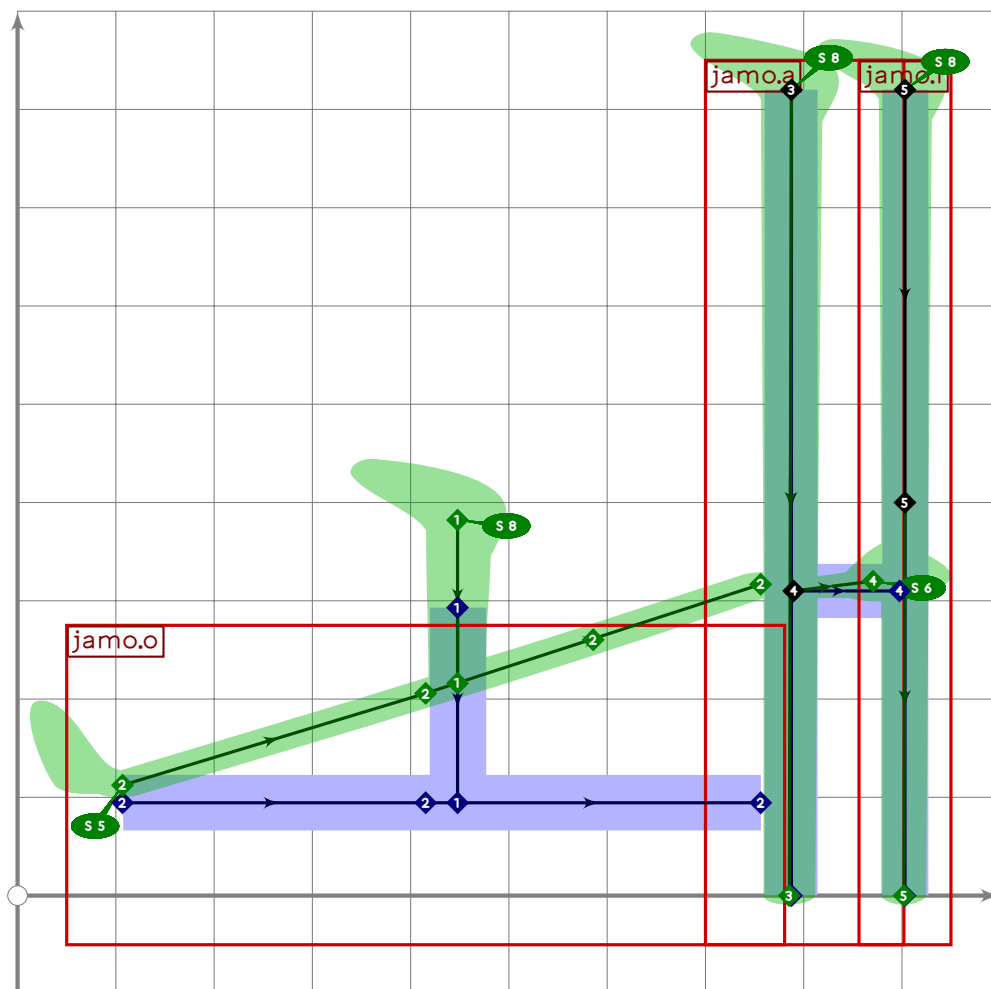
```

116 % hangul vowel wa
117 begintsuglyph("uni116A.nt",106);
118 hangul.combine.lr(308,300)(309,vixf,vox);
119 tsu_render;
120 endtsuglyph;
121

```

U+FF26B  
jjeub.uni116B.nt

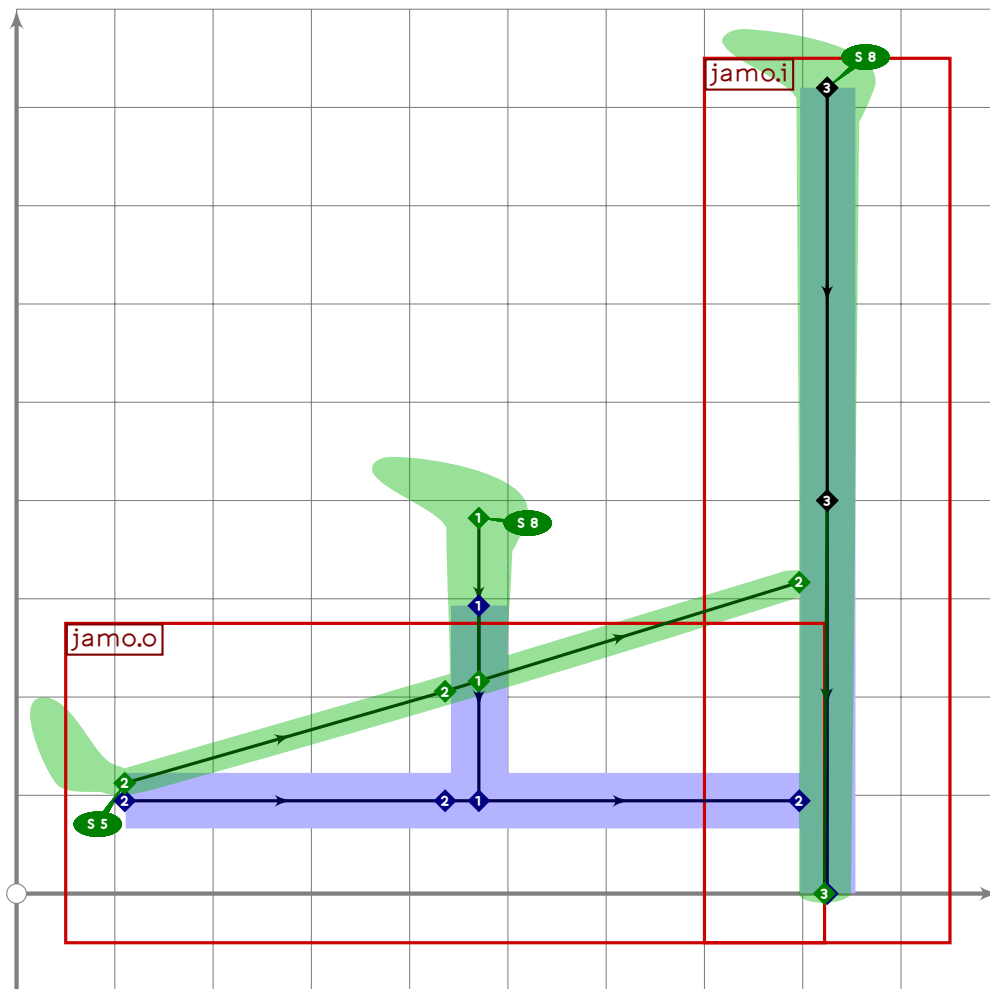
FF2



```

122 % hangul vowel wae
123 beginsuglyph("uni116B.nt",107);
124   hangul.combine.lr(308,301)(310,vixf,vox);
125   tsu_render;
126 endtsuglyph;
127

```



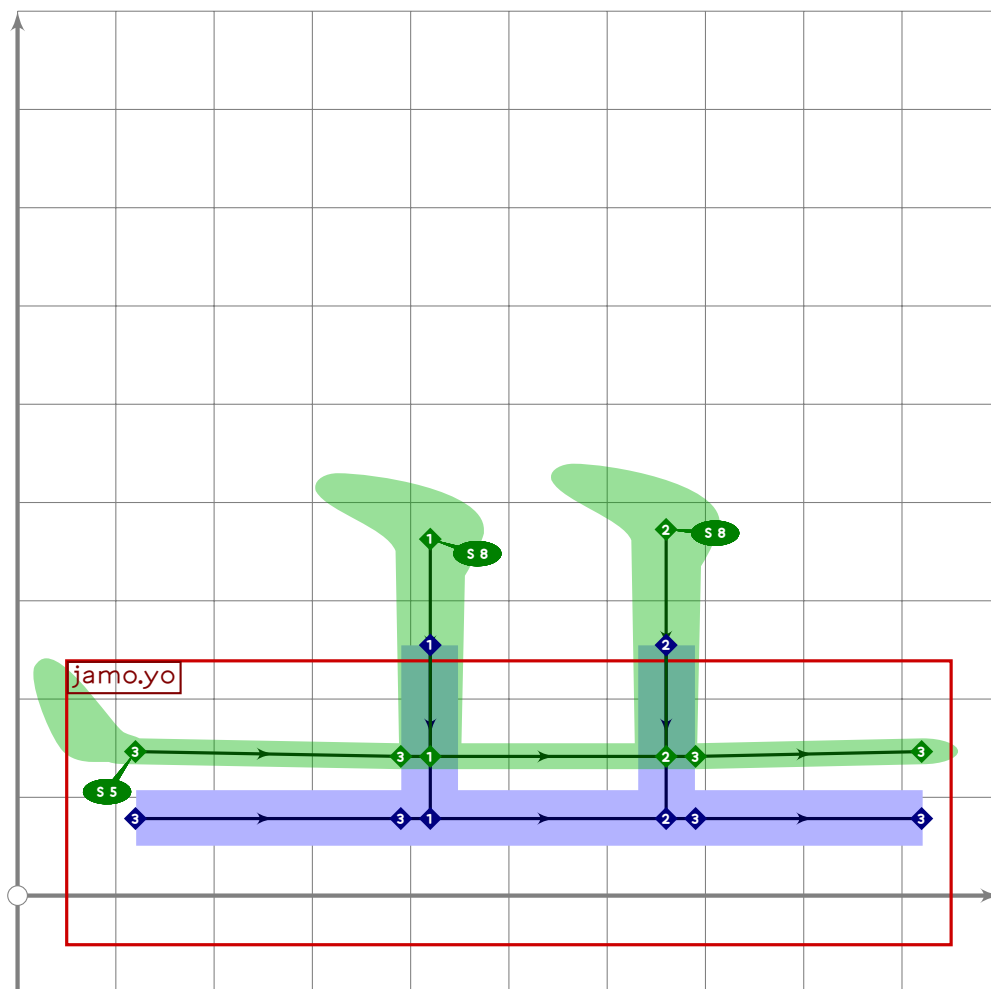
```

128 % hangul vowel oe
129 begintsuglyph("uni116C.nt",108);
130 hangul.combine.lr(308,320)(311,vixf,voxkf);
131 tsu_render;
132 endtsuglyph;
133

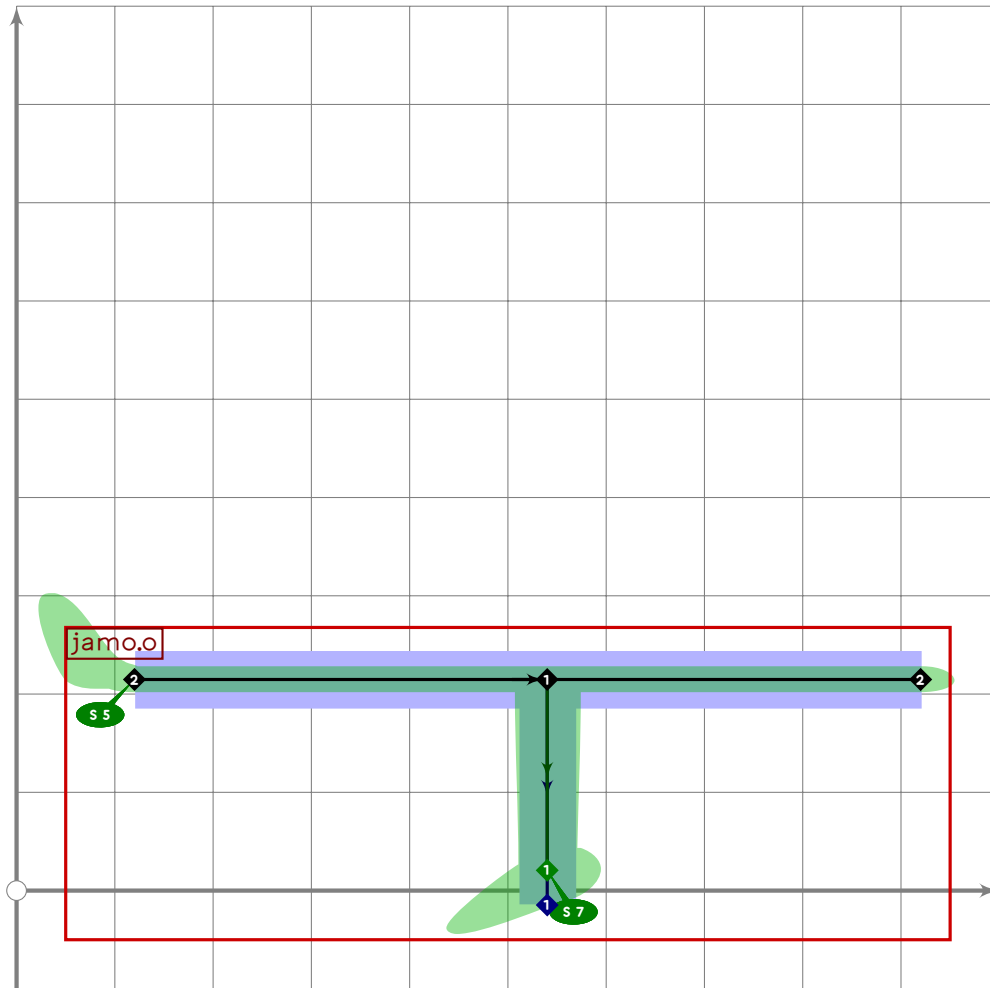
```

U+FF26D  
jjeub.uni116D.nt

FF2



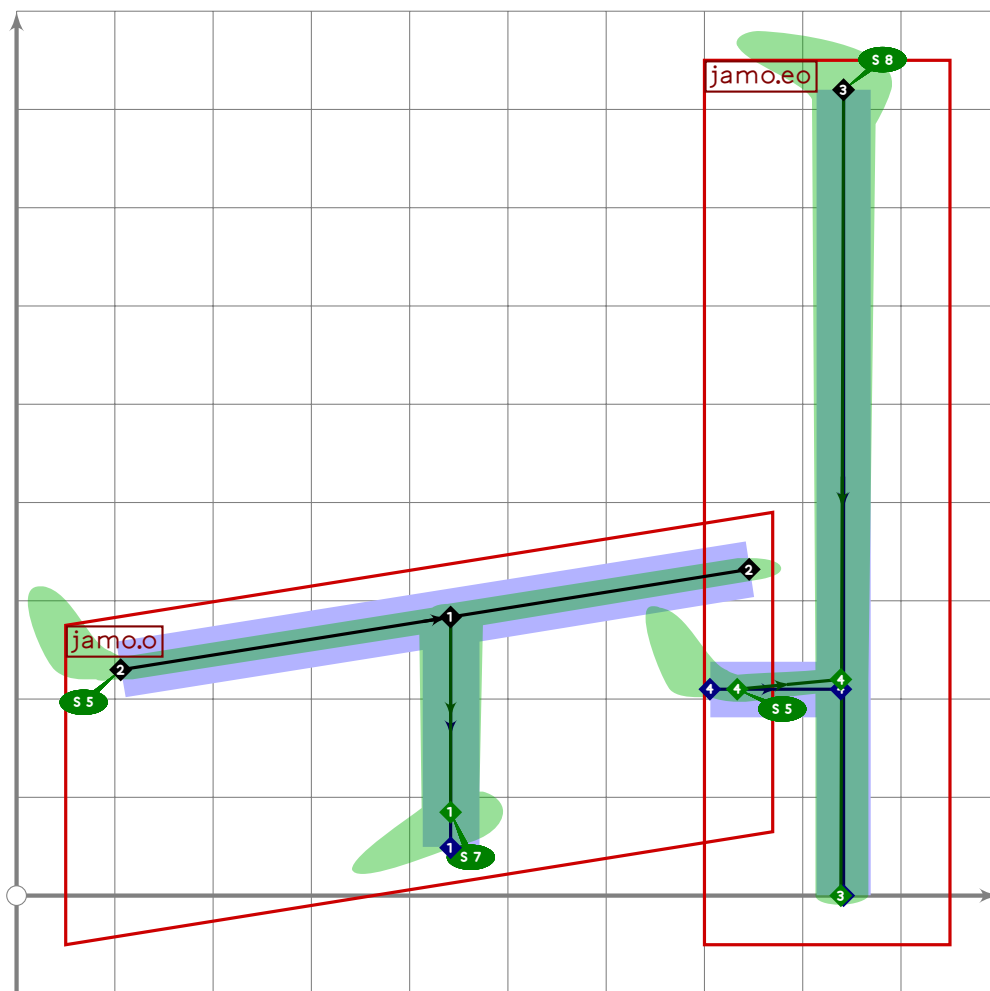
```
134 % hangul vowel yo
135 begintsuglyph("uni116D.nt",109);
136   hangul.jam.o.yo(312,vixf,vox);
137   tsu_render;
138 endtsuglyph;
139
```



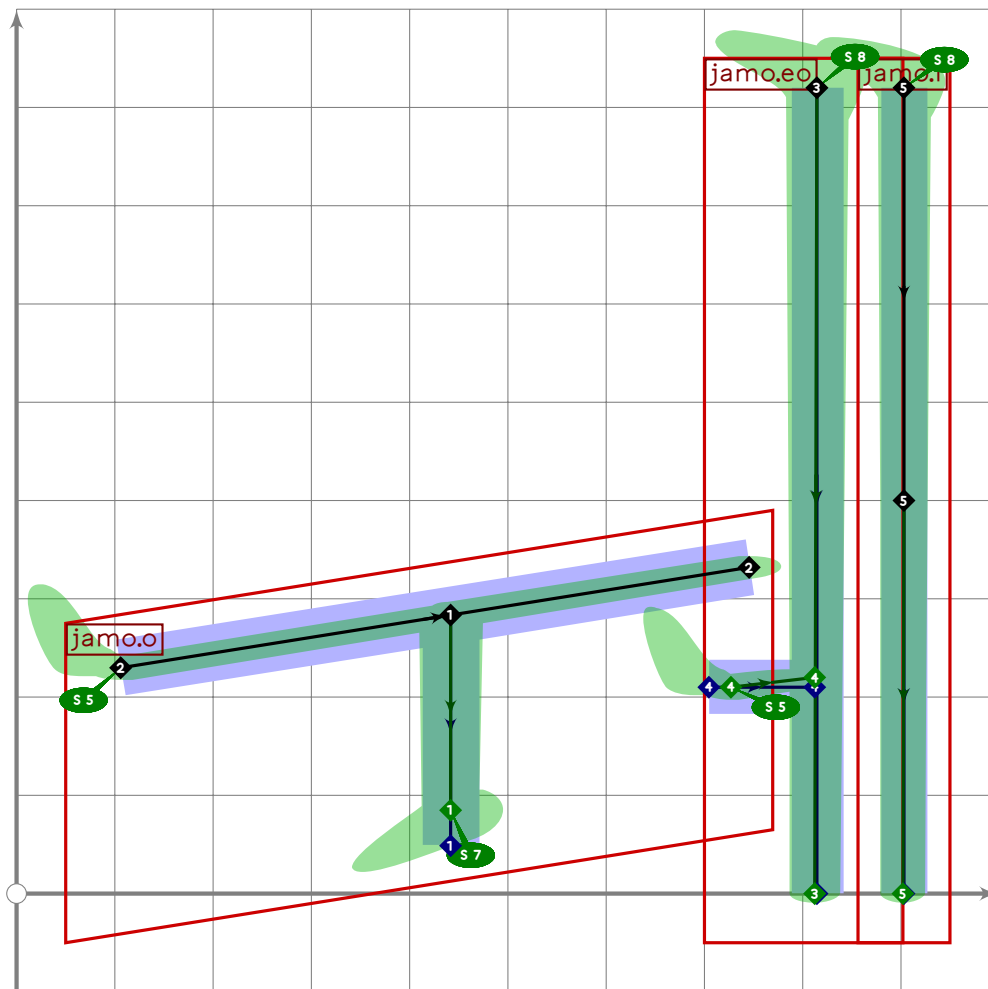
3773

U+FF26F  
jieub.uni116F.nt

FF2



```
146 % hangul vowel weo
147 begintsuglyph("uni116F.nt",111);
148 hangul.combine.lr(313,304)(314,vixf,vox f);
149 tsu_render;
150 endtsuglyph;
151
```

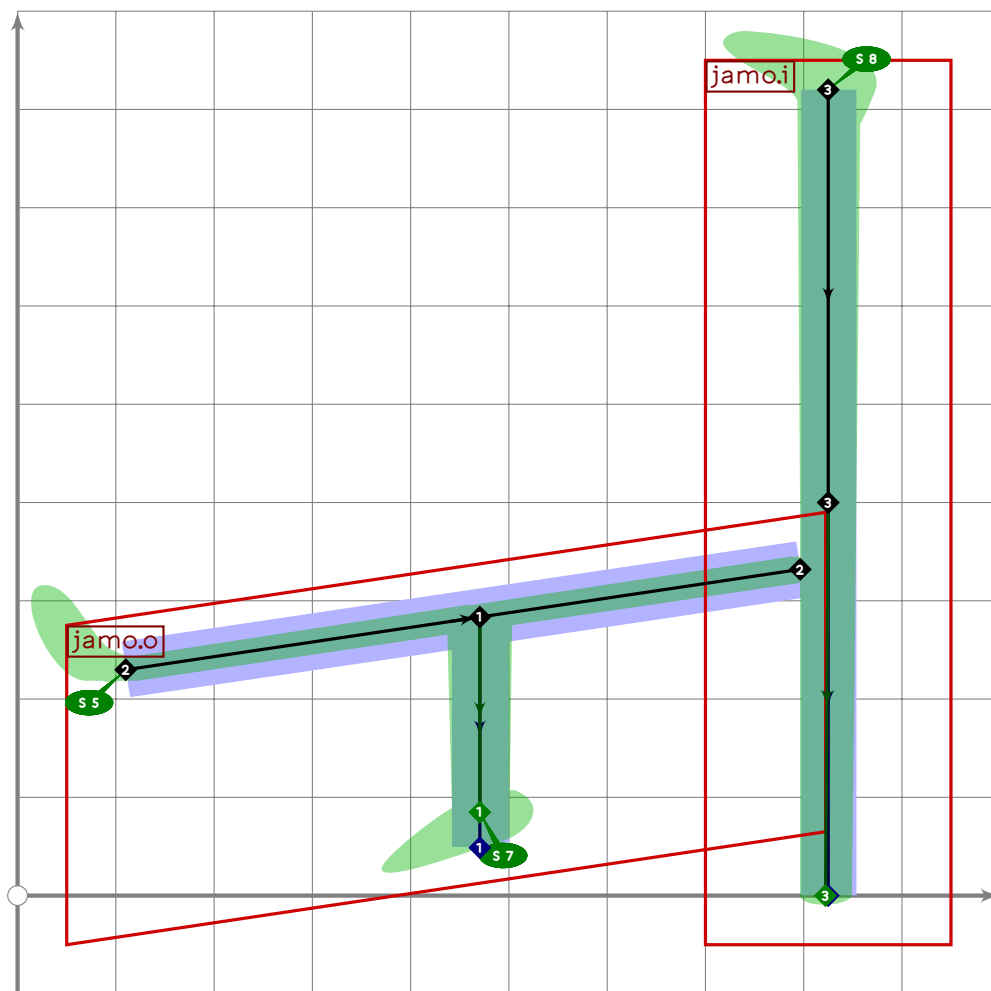


```

152 % hangul vowel we
153 beginsuglyph("uni1170.nt",112);
154   hangul.combine.lr(313,305)(315,vixf,voxv);
155   tsu_render;
156 endsuglyph;
157

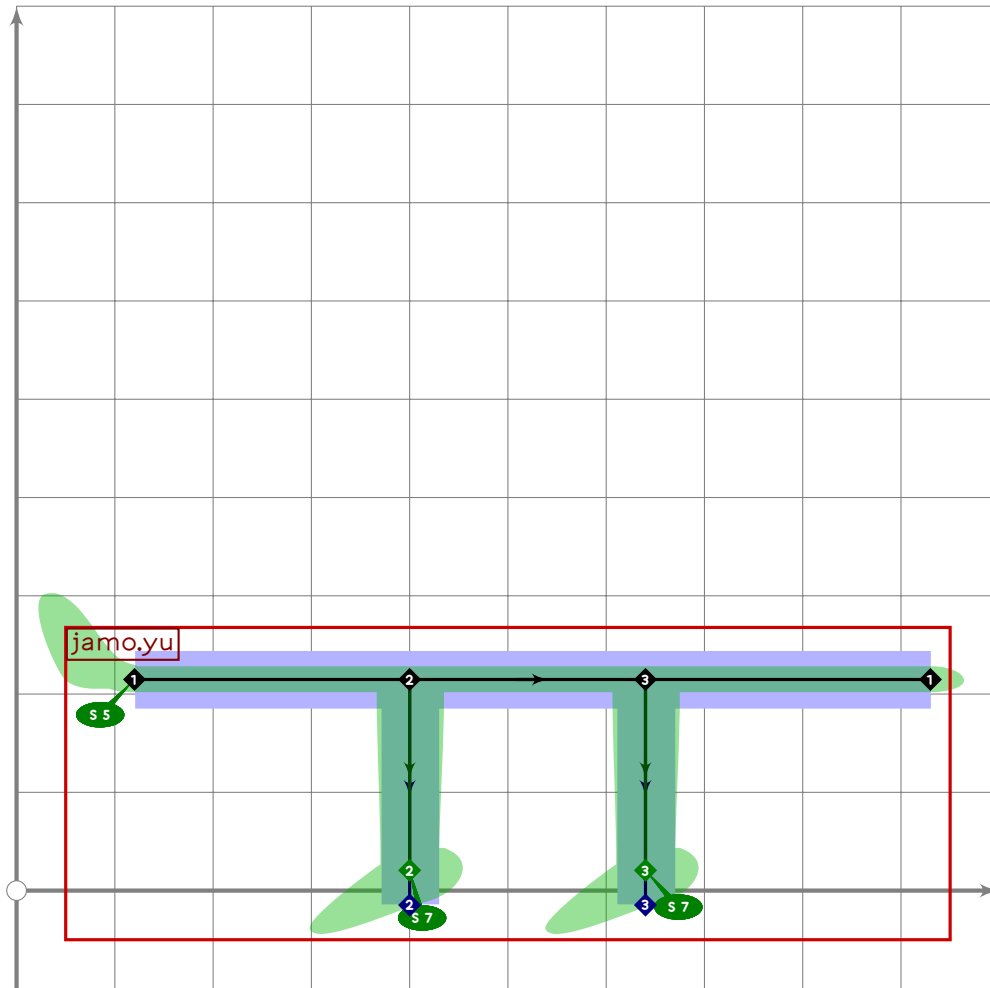
```

FF2



```
158 % hangul vowel wi
159 beginsuglyph("uni1171.nt",113);
160 hangul.combine.lr(313,320)(316,vixf,vox);
161 tsu_render;
162 endsuglyph;
163
```





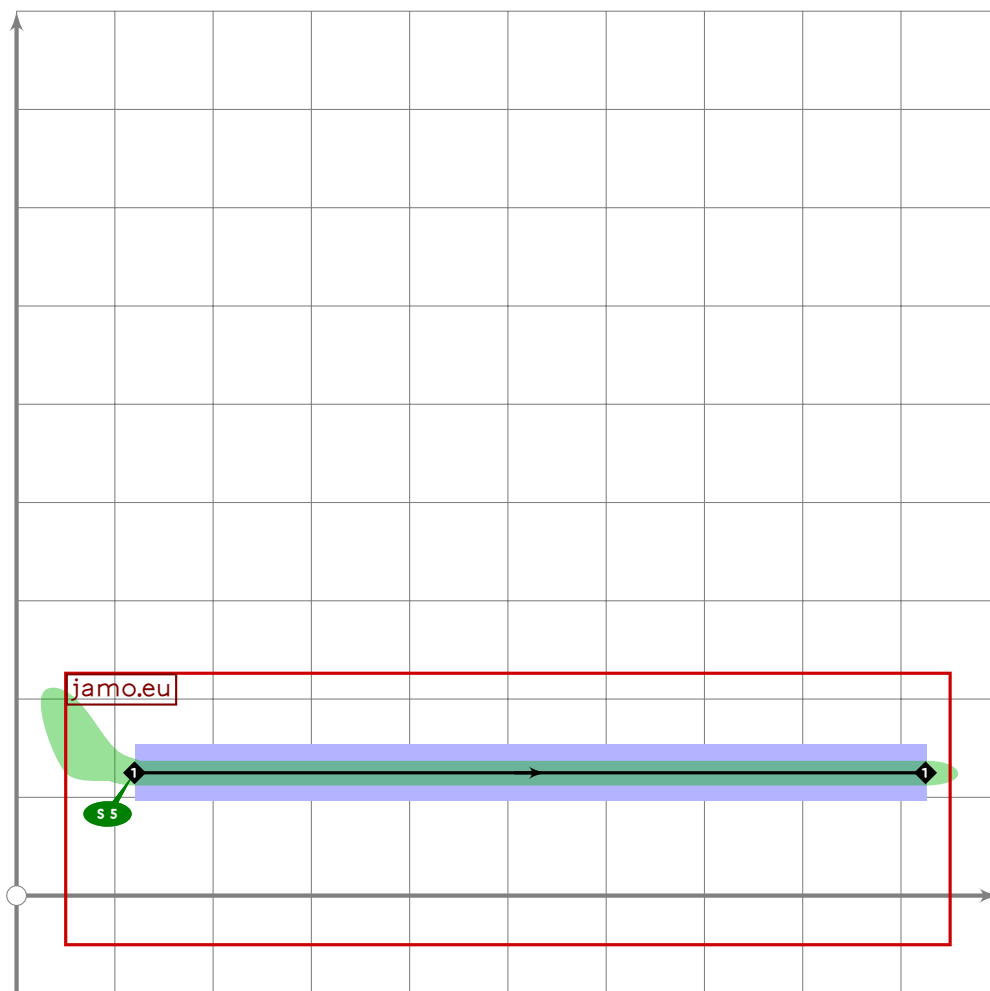
```

164 % hangul vowel yu
165 begintsuglyph("uni1172.nt",114);
166   hangul.jamo.yu(317,vixf,voxof);
167   tsu_render;
168 endtsuglyph;
169

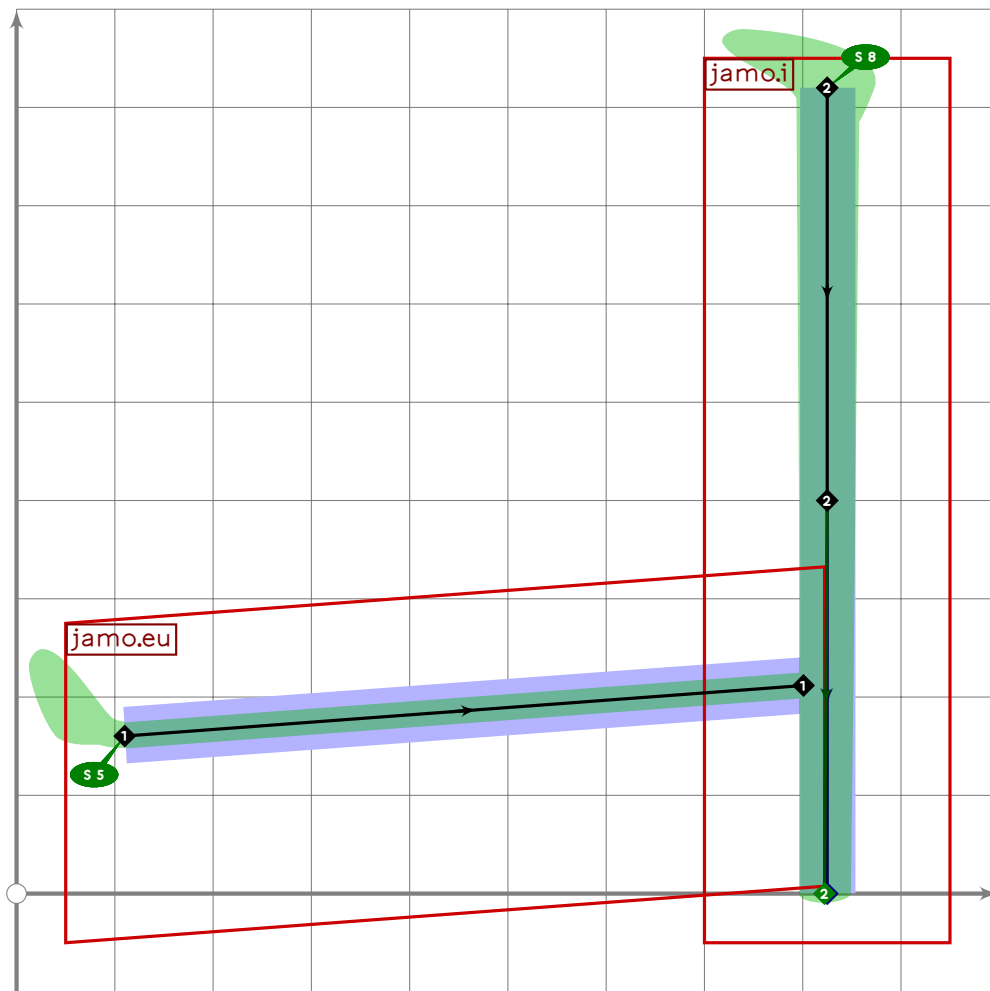
```

U+FF273  
jieub.uni1173.nt

FF2



```
170 % hangul vowel eu
171 beginsuglyph("uni1173.nt";115);
172   hangul.jamo.eu(318,vixf,vox);
173   tsu_render;
174 endsuglyph;
175
```



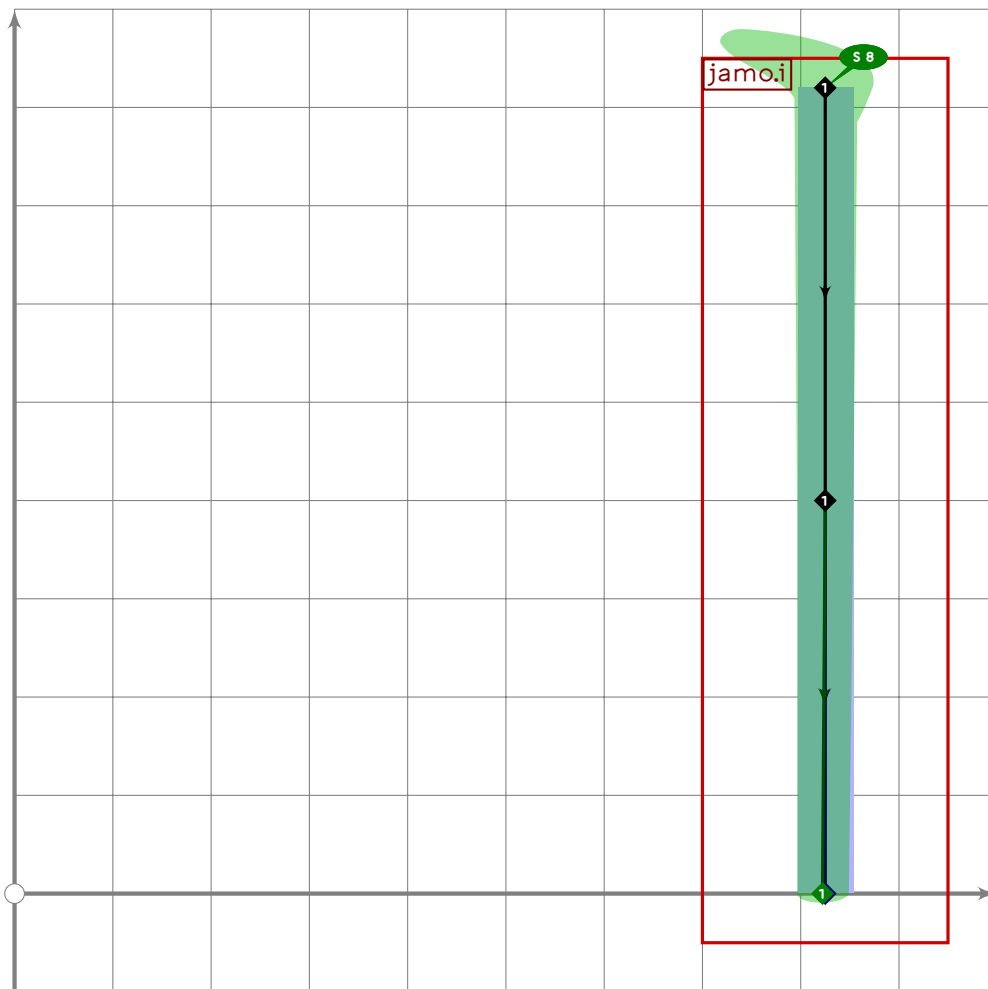
```

176 % hangul vowel yi
177 begintsuglyph("uni1174.nt",116);
178 hangul.combine.lr(318,320)(319,vixf,vox);
179 tsu_render;
180 endtsuglyph;
181

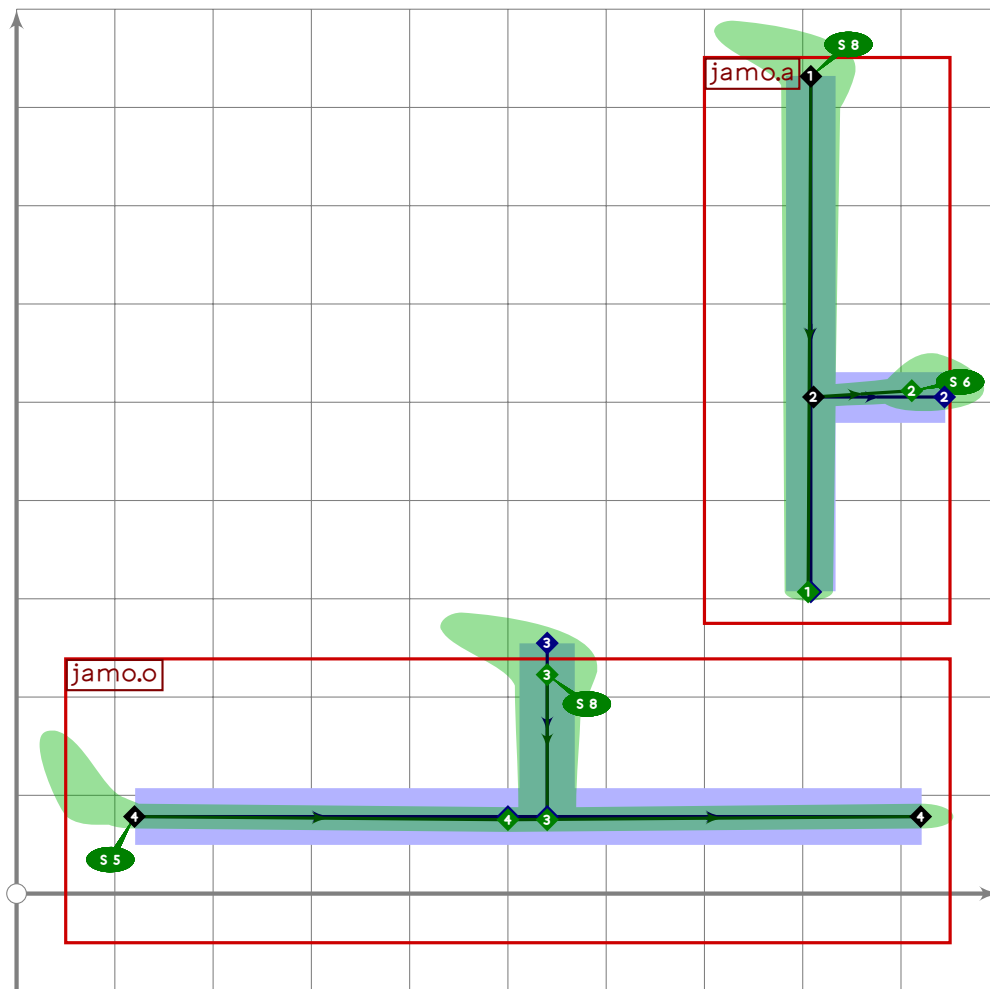
```

U+FF275  
jieub.uni1175.nt

FF2



```
182 % hangul vowel i
183 beginsuglyph("uni1175.nt",117);
184 hangul.jamo.i(320,vixf,vox);
185 tsu_render;
186 endsuglyph;
187
```

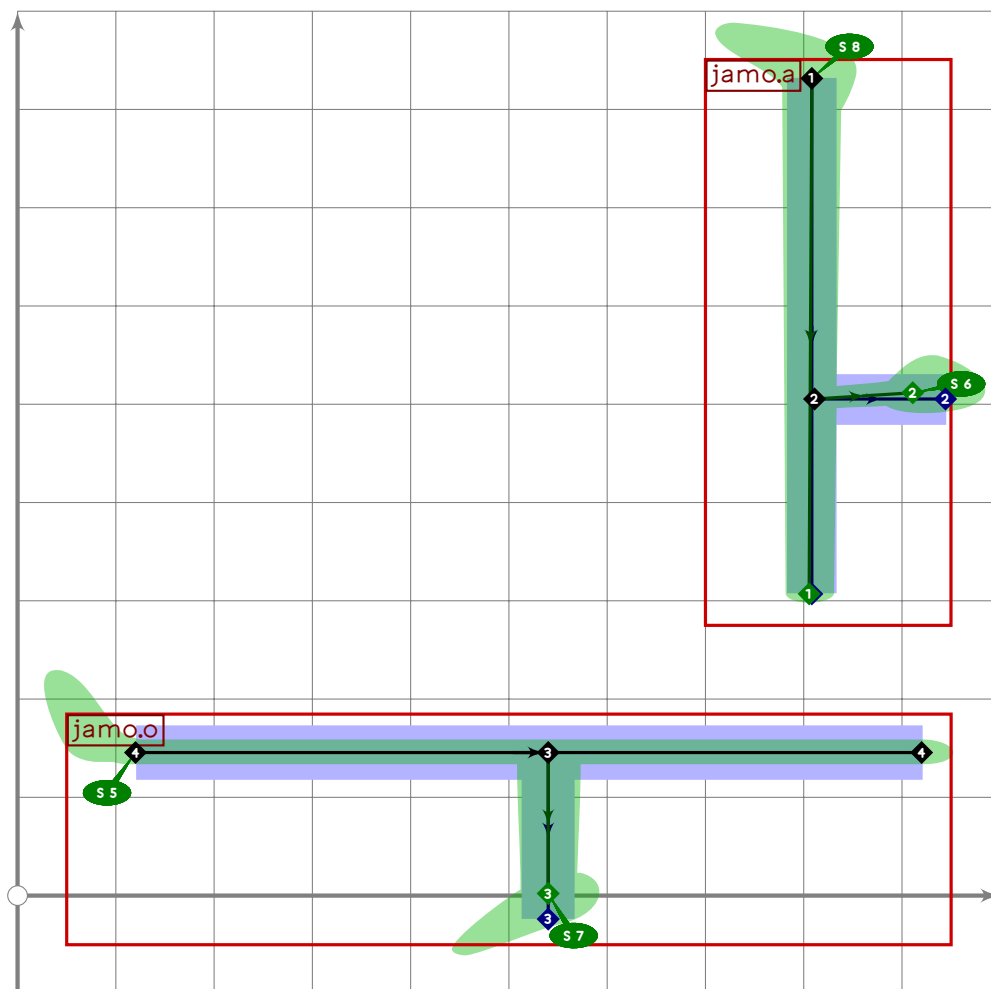


```

188 % hangul vowel a-o
189 beginsuglyph("uni1176.nt",118);
190 hangul.combine.tb(300,308)(whatever,vixf,vox);
191 tsu_render;
192 endsuglyph;
193

```

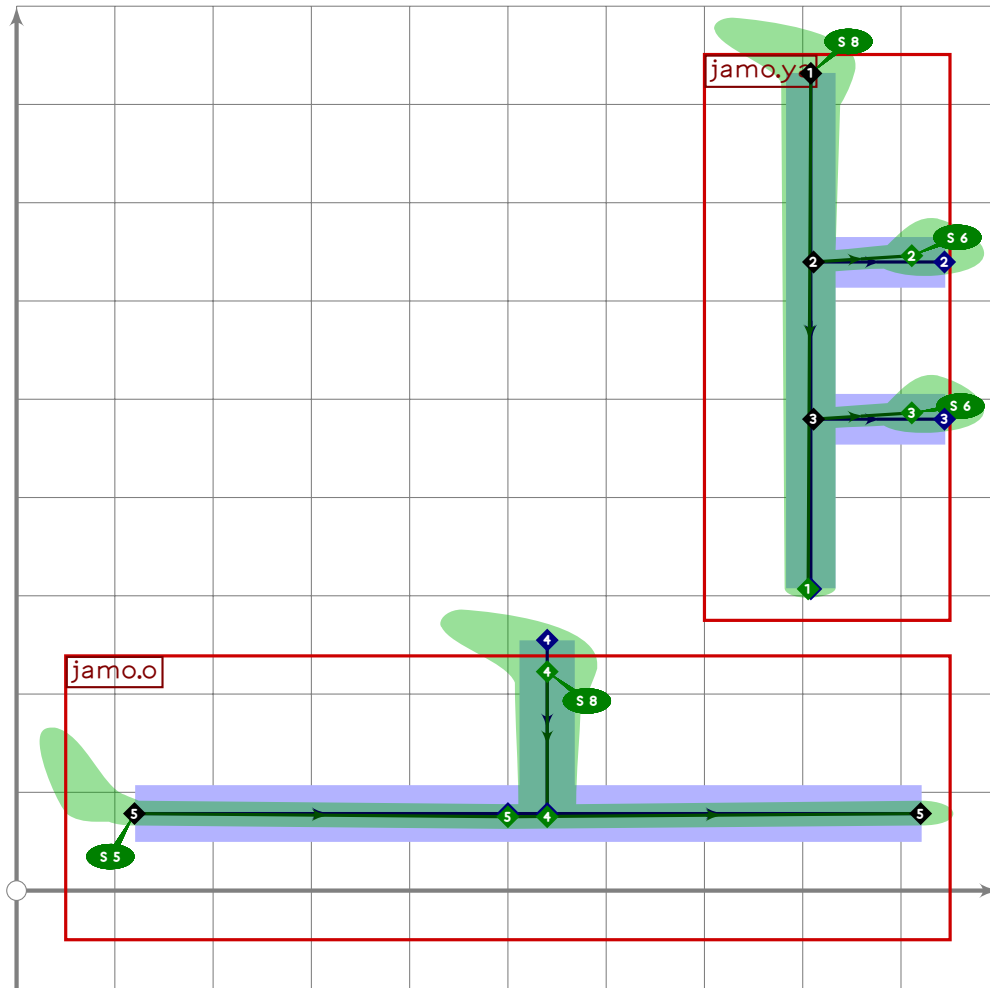
FF2



```

194 % hangul vowel a-u
195 begintsuglyph("uni1177.nt",119);
196   hangul.combine.tb(300,313)(whatever,vixf,vox);
197   tsu_render;
198 endtsuglyph;
199

```

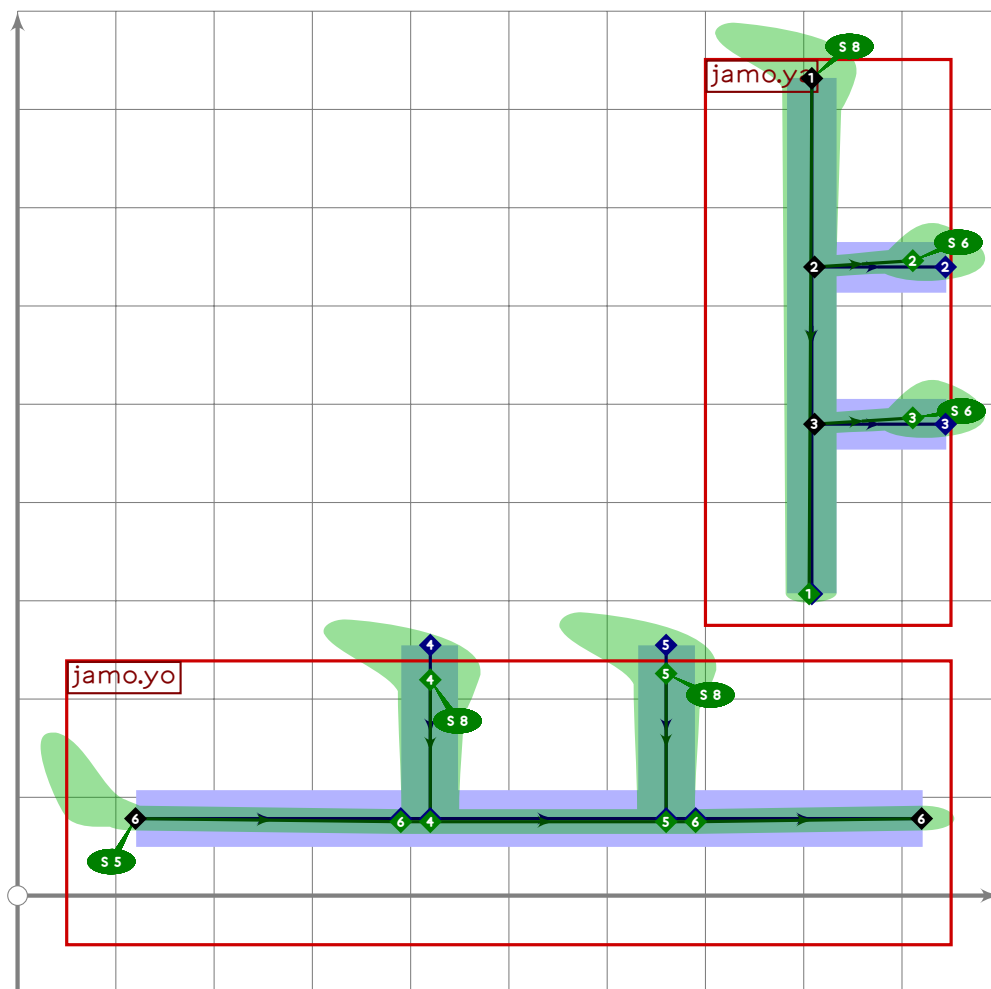


```

200 % hangul vowel ya-o
201 beginsuglyph("uni1178.nt",120);
202   hangul.combine.tb(302,308)(whatever,vixf,vox);
203   tsu_render;
204 endsuglyph;
205

```

FF2

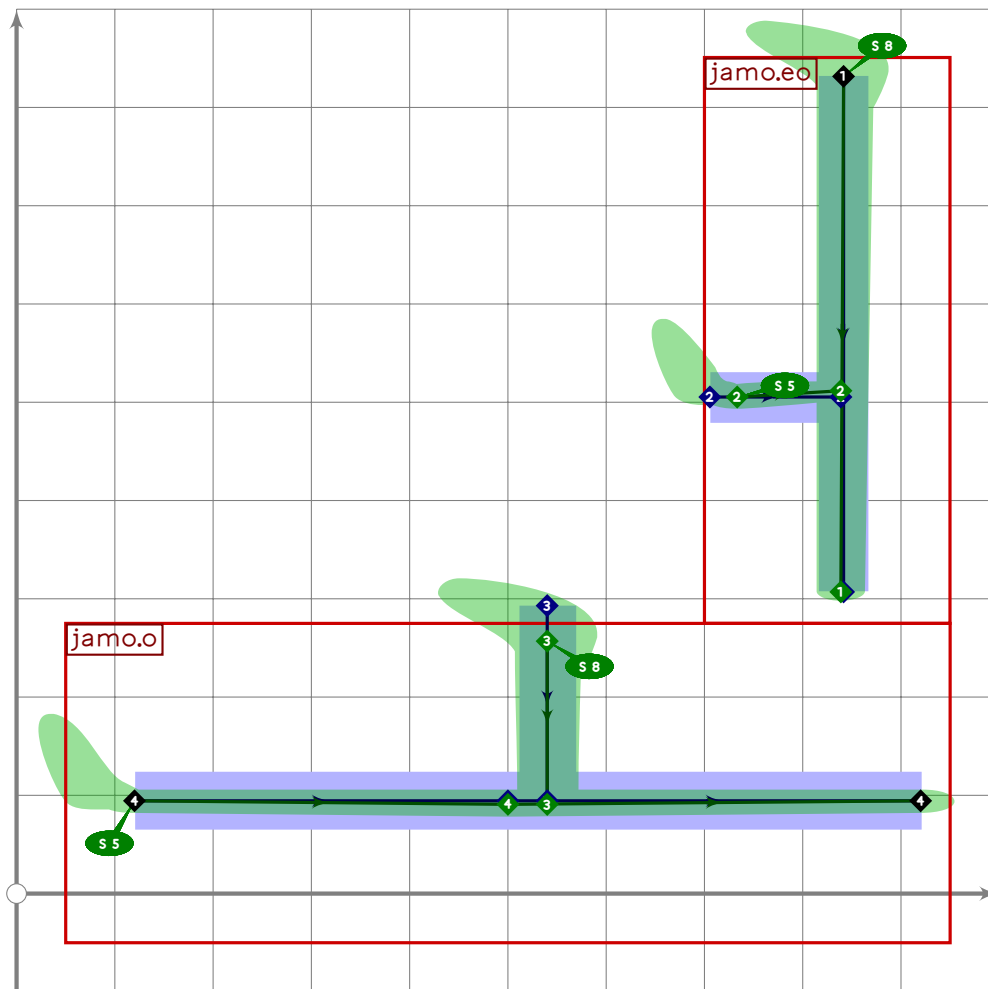


```

206 % hangul vowel ya-yo
207 beginsuglyph("uni1179.nt",121);
208 hangul.combine.tb(302,312)(whatever,vixf,vox);
209 tsu_render;
210 endsuglyph;
211

```





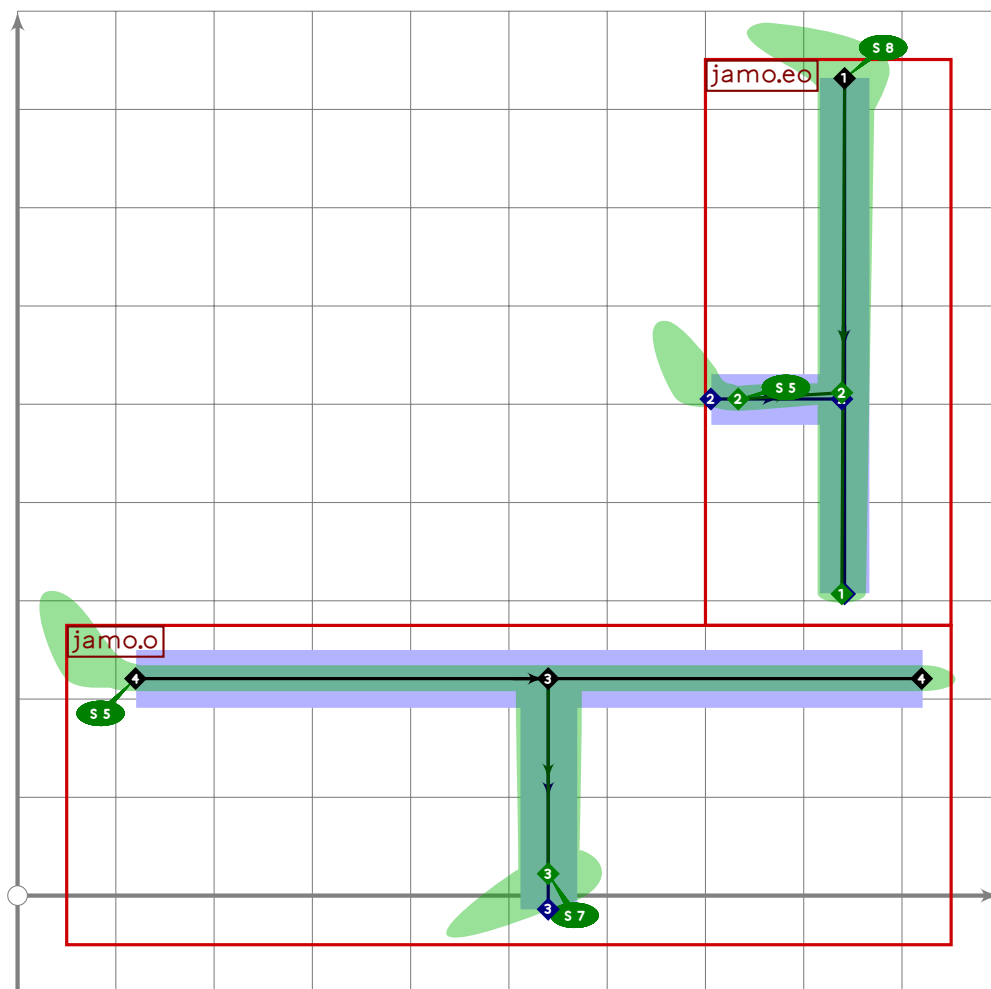
```

212 % hangul vowel eo-o
213 beginsuglyph("uni117A.nt",122);
214 hangul.combine.tb(304,308)(whatever,vixf,vox);
215 tsu_render;
216 endsuglyph;
217

```

U+FF27B  
jjeub.uni117B.nt

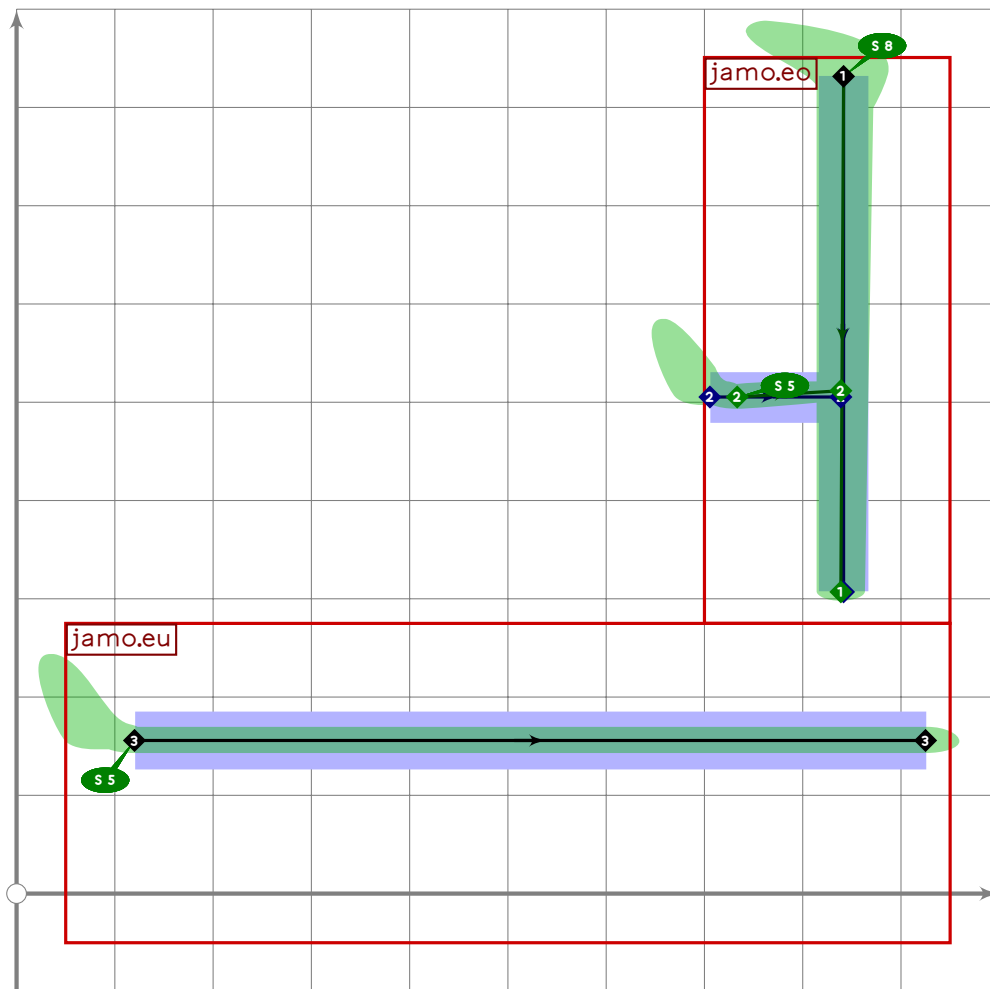
FF2



```

218 % hangul vowel eo-u
219 begintsuglyph("uni117B.nt",123);
220 hangul.combine.tb(304,313)(whatever,vixf,vox);
221 tsu_render;
222 endsuglyph;
223

```



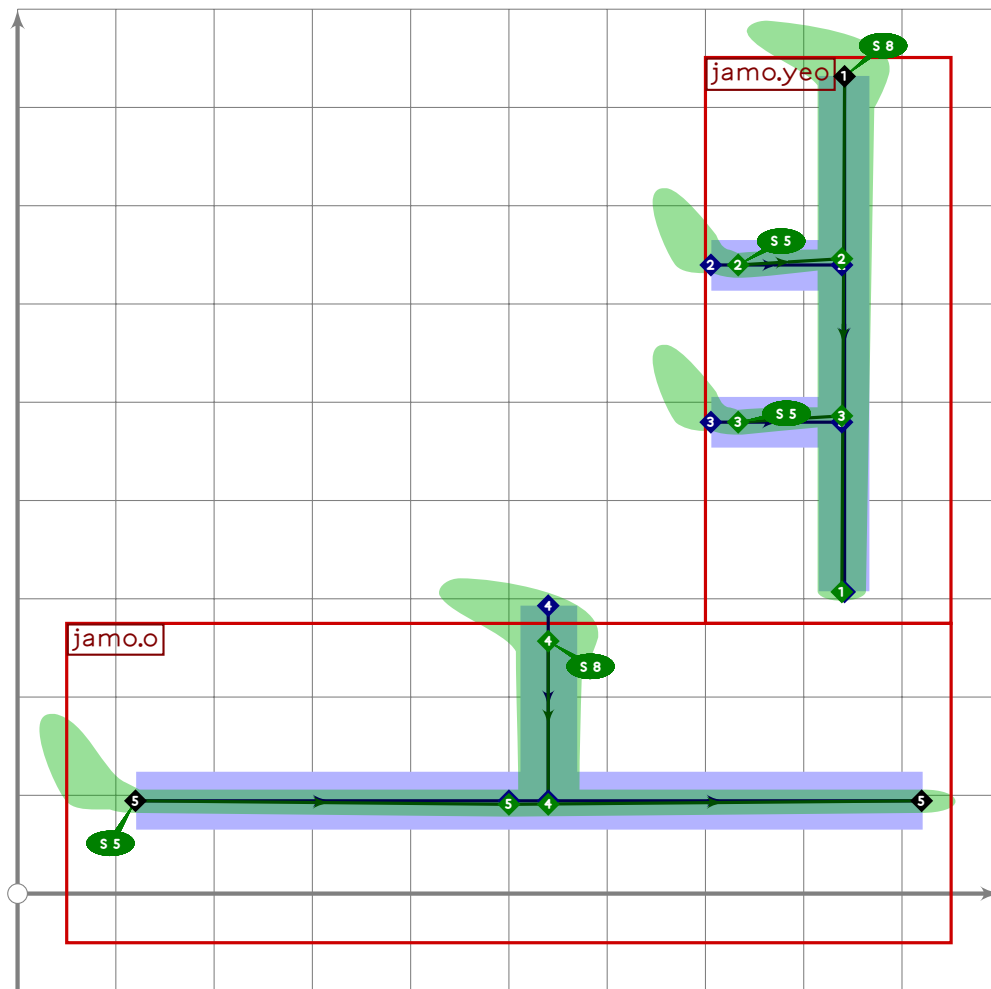
```

224 % hangul vowel eo-eu
225 beginsuglyph("uni17C.nt",124);
226 hangul.combine.tb(304,318)(whatever,vixf,vox);
227 tsu_render;
228 endsuglyph;
229

```

U+FF27D  
jjeub.uni117D.nt

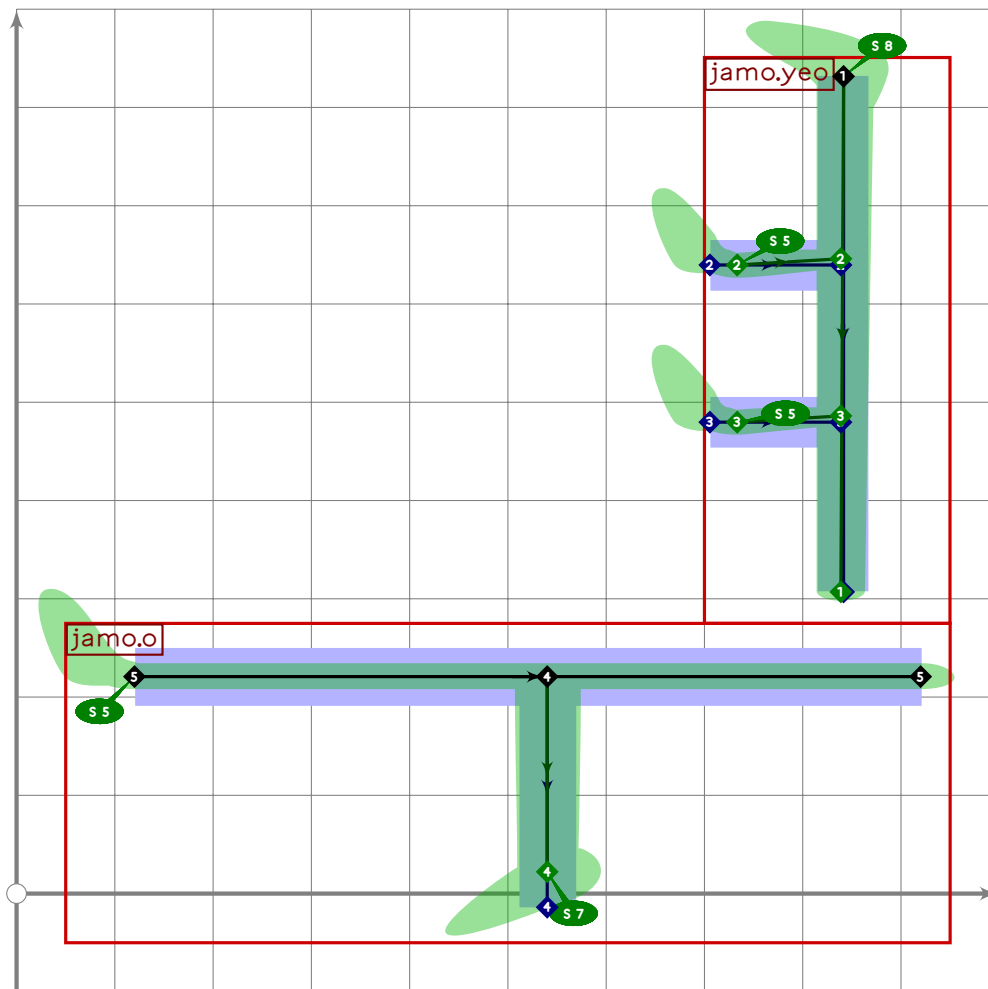
FF2



```

230 % hangul vowel yeo-o
231 beginsuglyph("uni117D.nt",125);
232 hangul.combine.tb(306,308)(whatever,vixf,vox);
233 tsu_render;
234 endsuglyph;
235

```



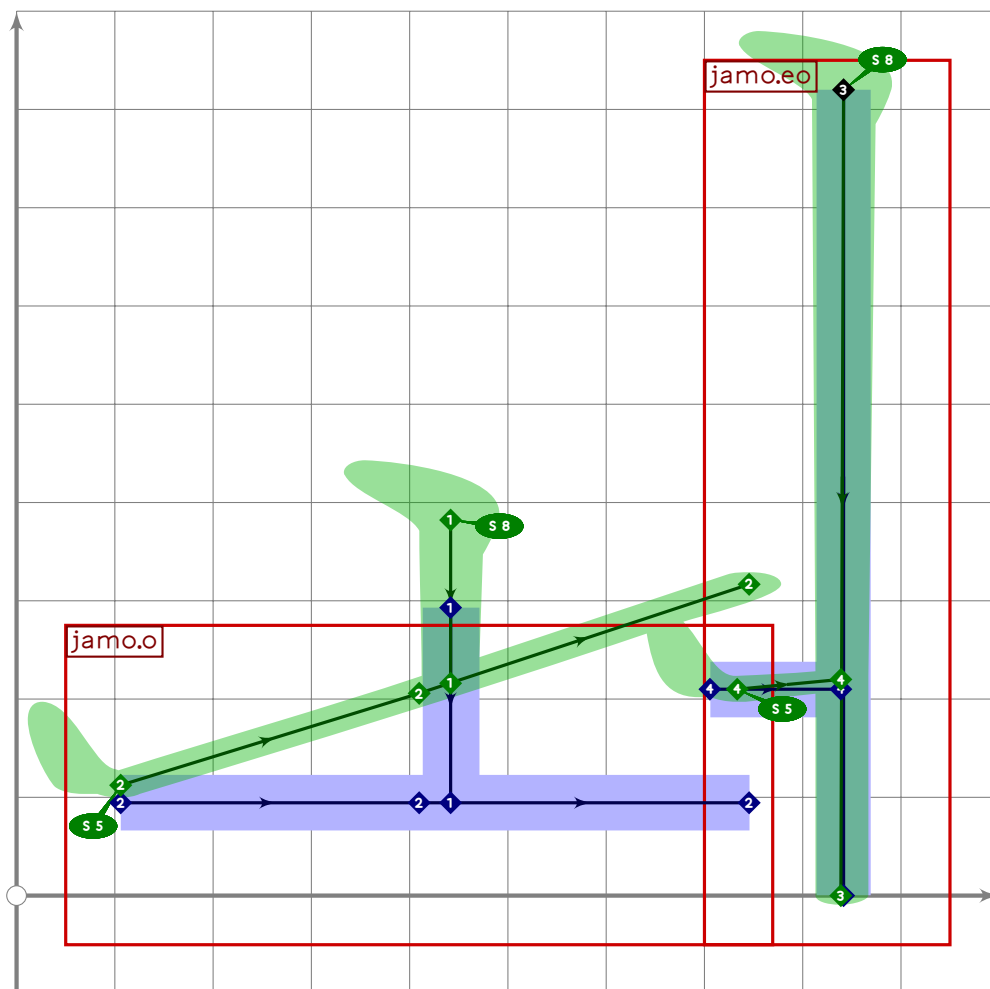
```

236 % hangul vowel yeo-u
237 begintsuglyph("uni117E.nt",126);
238   hangul.combine.tb(306,313)(whatever,vixf,vox);
239   tsu_render;
240 endtsuglyph;
241

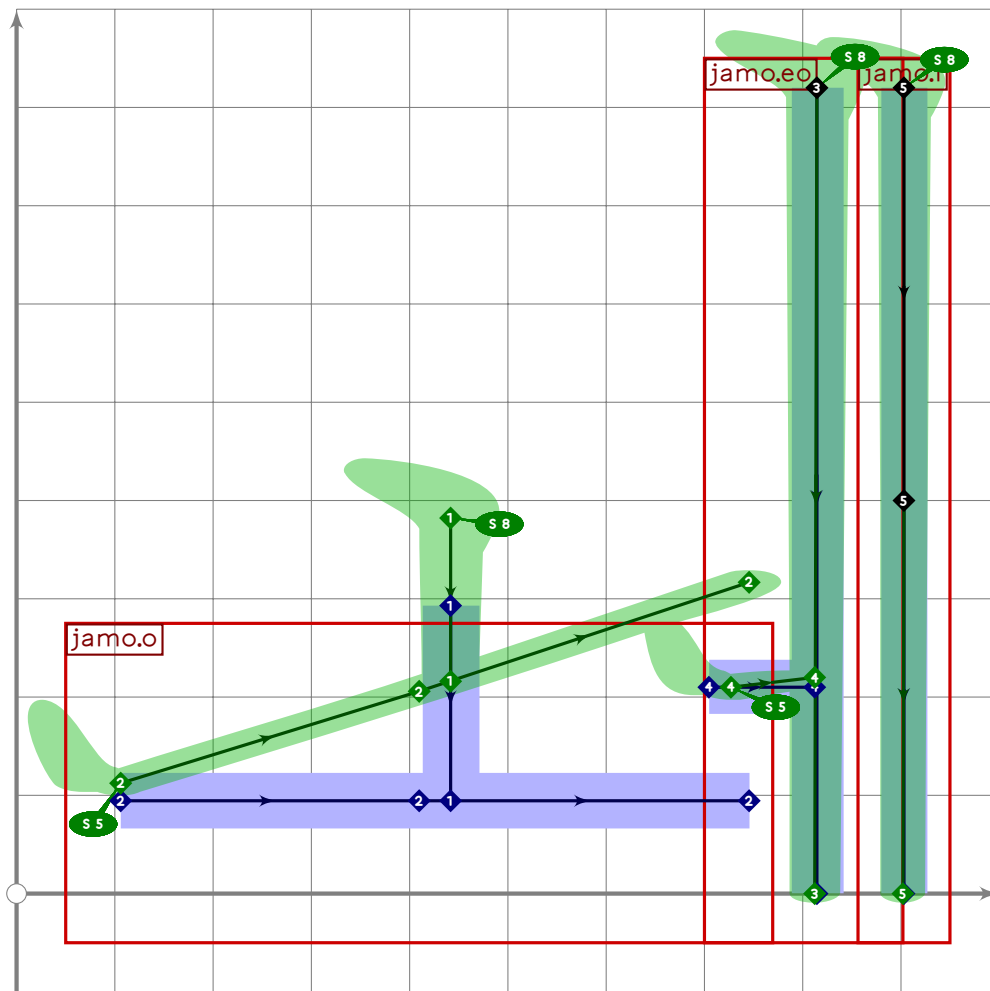
```

U+FF27F  
jieub.uni117F.nt

FF2



```
242 % hangul vowel o-eo
243 beginsuglyph("uni117F.nt";127);
244 hangul.combine.lr(308,304)(429,vixf,vox);
245 tsu_render;
246 endtsuglyph;
247
```

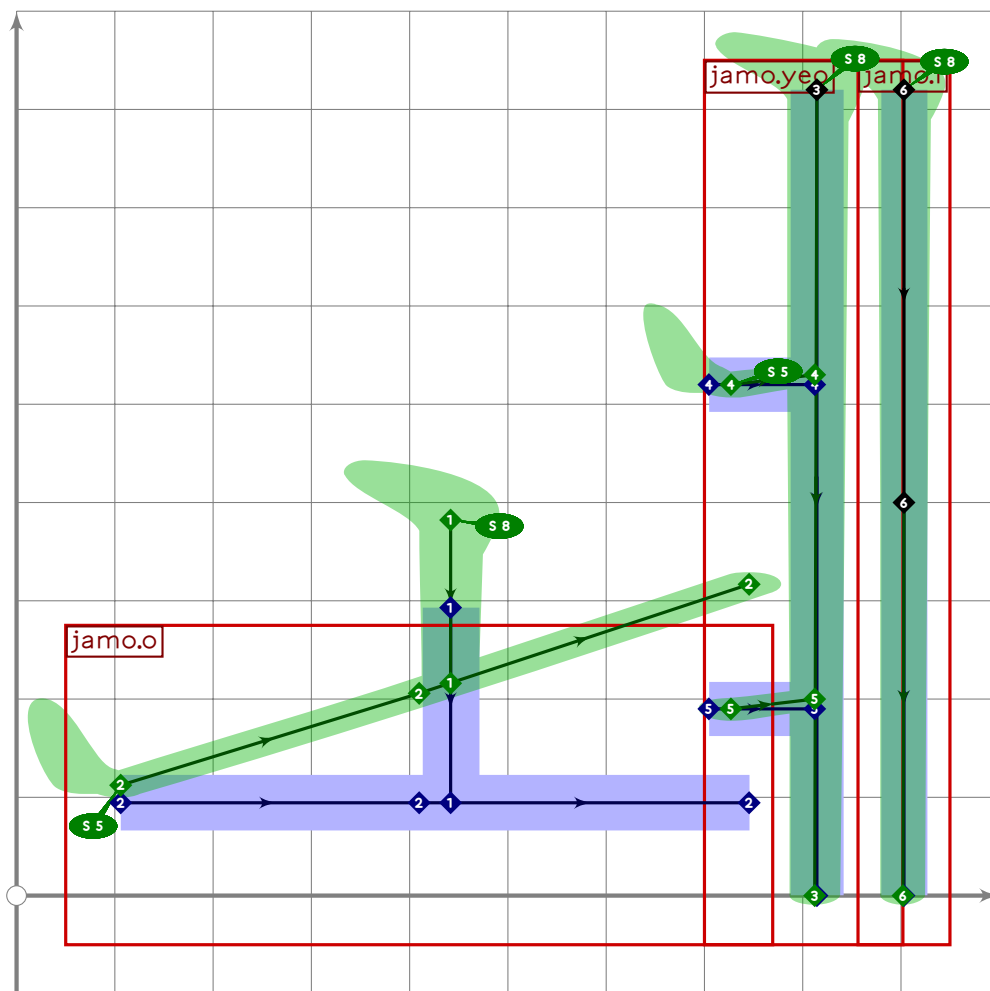


```

248 % hangul vowel o-e
249 begintsuglyph("uni1180.nt",128);
250 hangul.combine.lr(308,305)(430,vixf,vox);
251 tsu_render;
252 endtsuglyph;
253

```

FF2

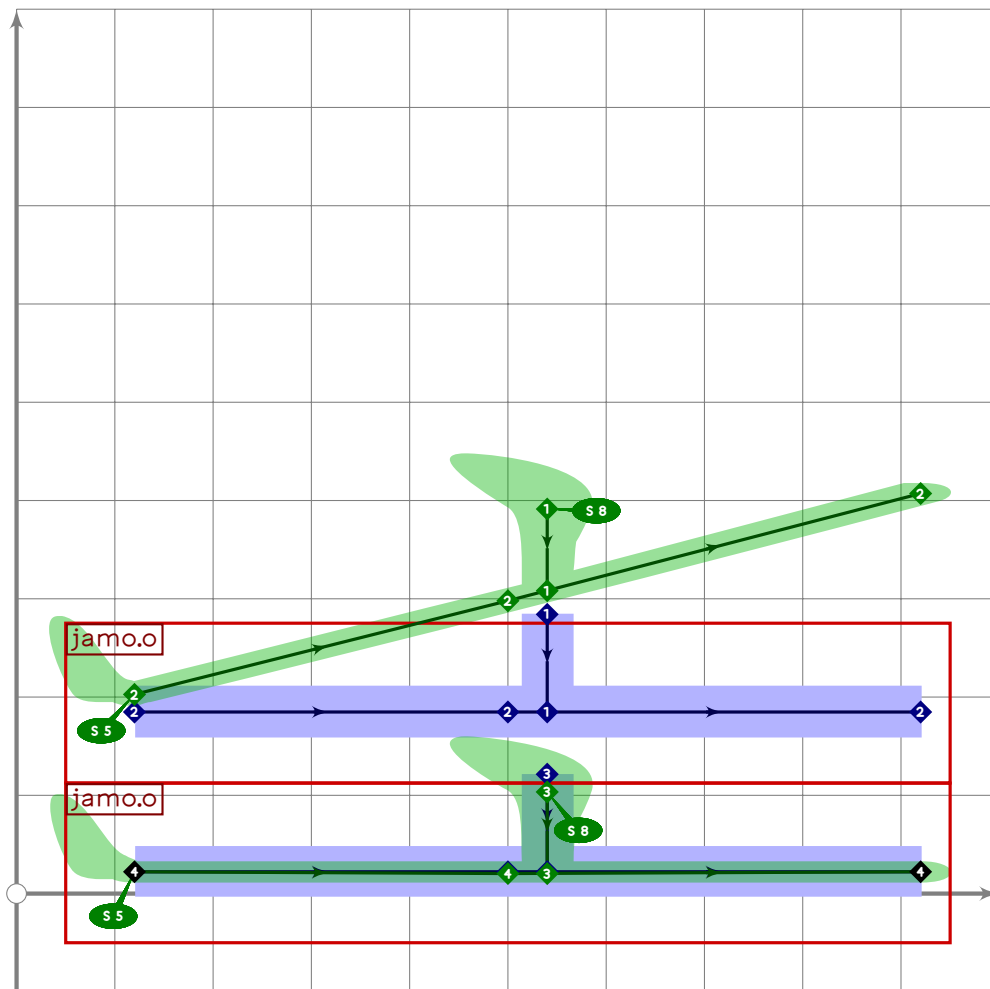


```

254 % hangul vowel o-ye
255 begint Suglyph("uni1181.nt",129);
256   hangul.combine.lr(308,307)(431,vixf,vox);
257   tsu_render;
258 endtsuglyph;
259

```



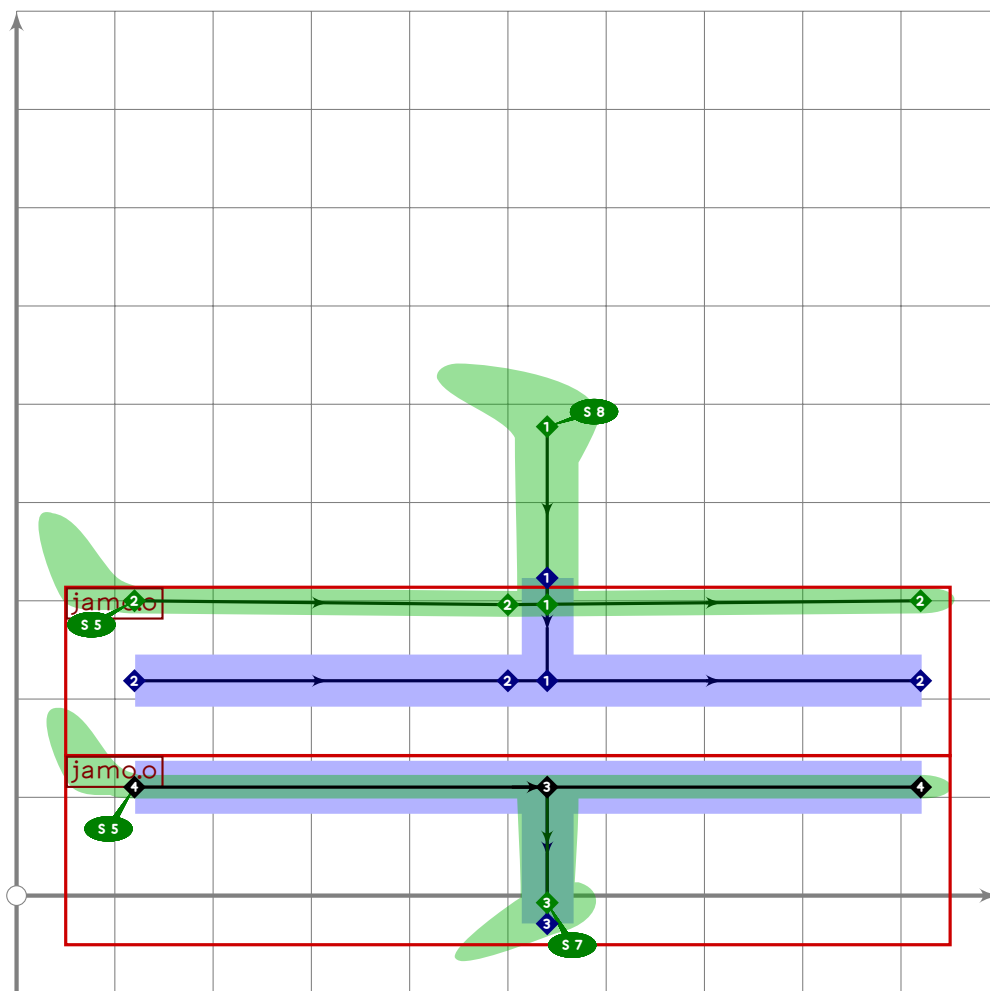


```

260 % hangul vowel o-o
261 begintsuglyph("uni1182.nt",130);
262 hangul.combine.tb(308,308)(444,vixf,voxf);
263 tsu_render;
264 endtsuglyph;
265

```

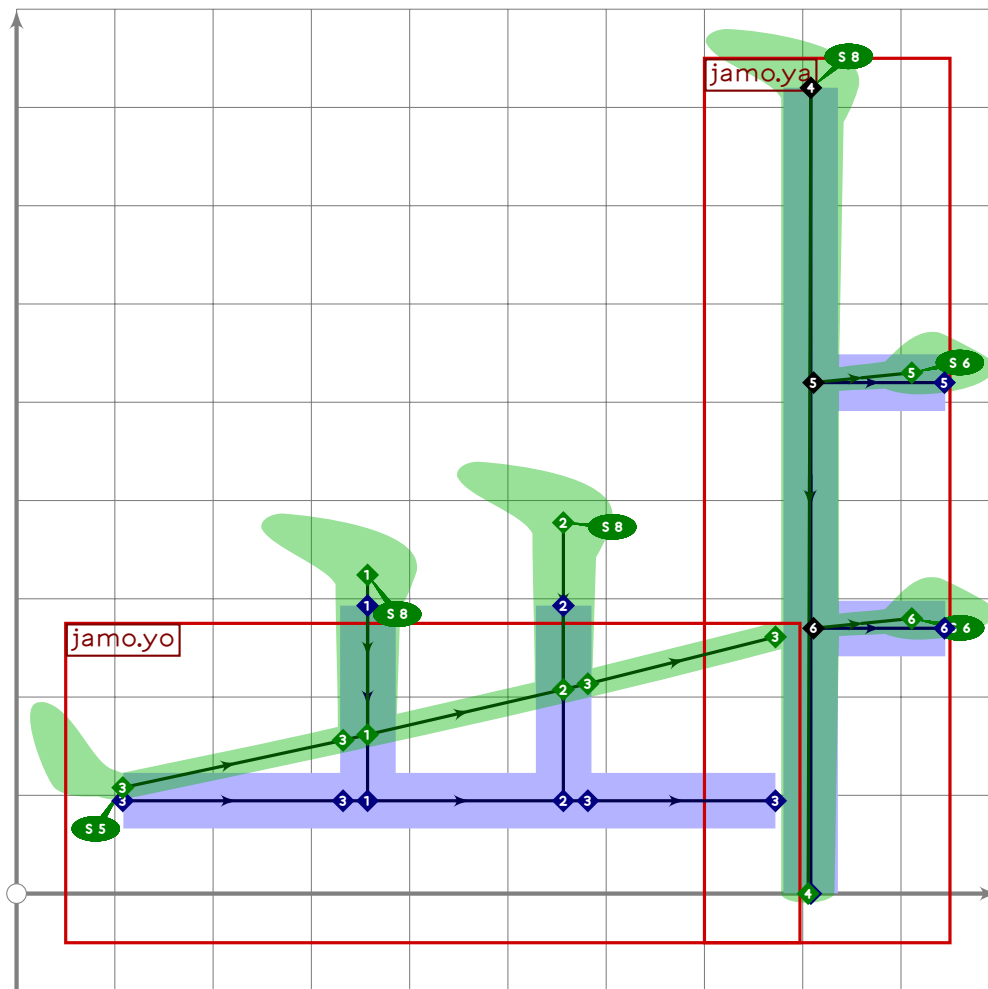
FF2



```

266 % hangul vowel o-u
267 beginsuglyph("uni1183.nt",131);
268 hangul.combine.tb(308,313)(whatever,tvixf,voxof);
269 tsu_render;
270 endsuglyph;
271

```

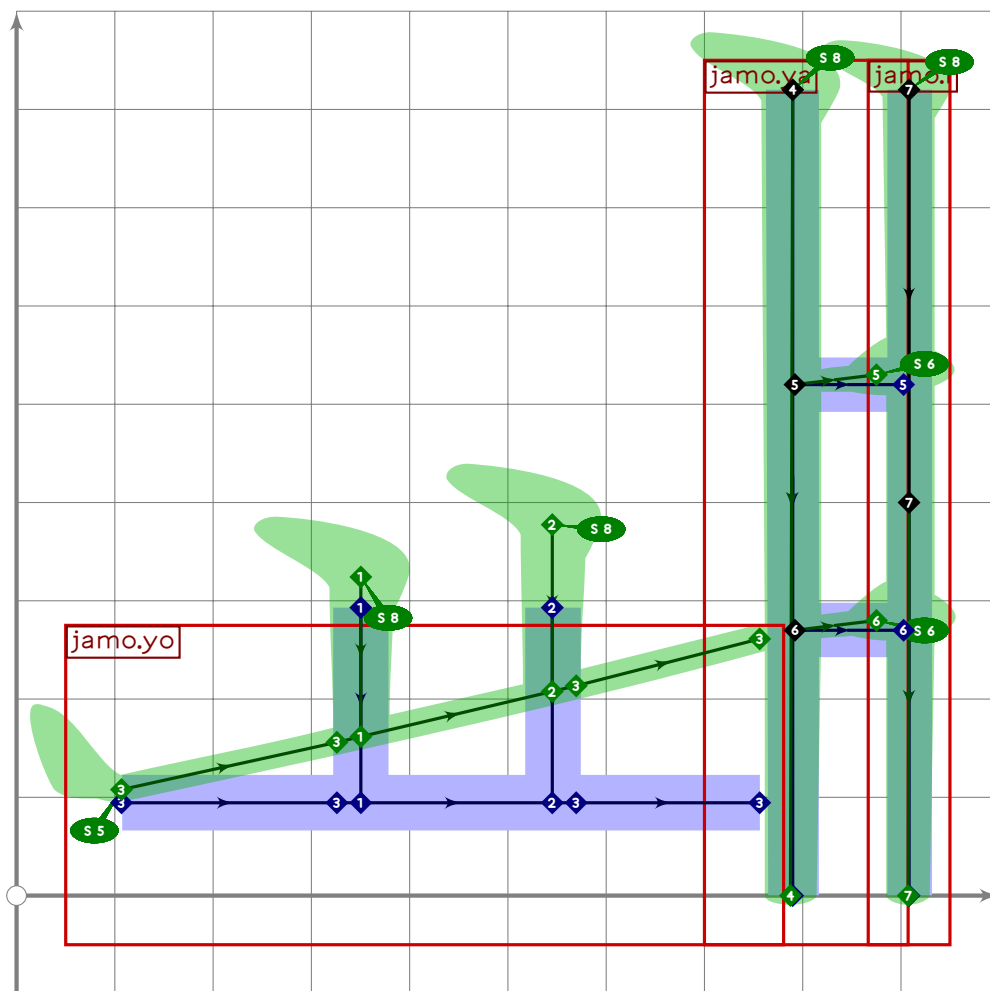


```

272 % hangul vowel yo-ya
273 begintsuglyph("uni1184.nt",132);
274 hangul.combine.lr(312,302)(421,vixf,voxf);
275 tsu_render;
276 endtsuglyph;
277

```

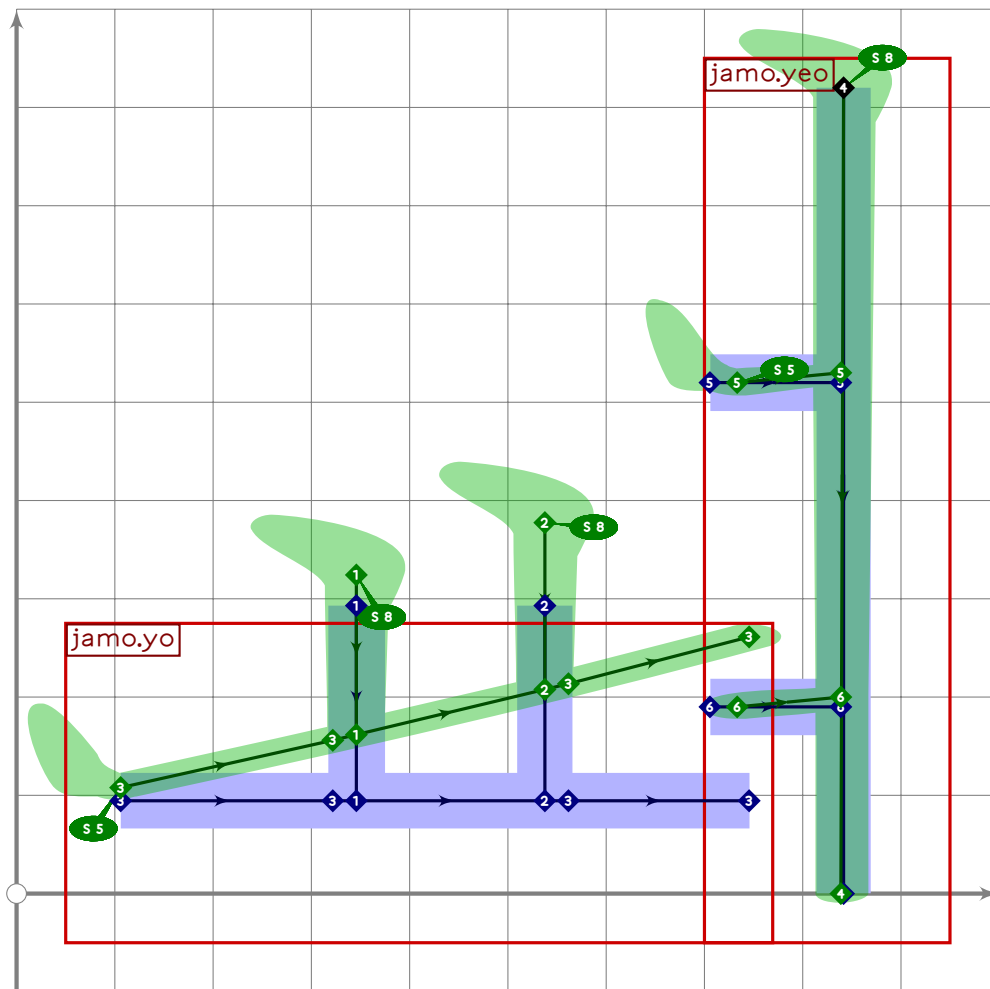
FF2



```

278 % hangul vowel yo-yae
279 begintsuglyph("uni1185.nt",133);
280 hangul.combine.lr(312,303)(422,vixf,voxf);
281 tsu_render;
282 endtsuglyph;
283

```

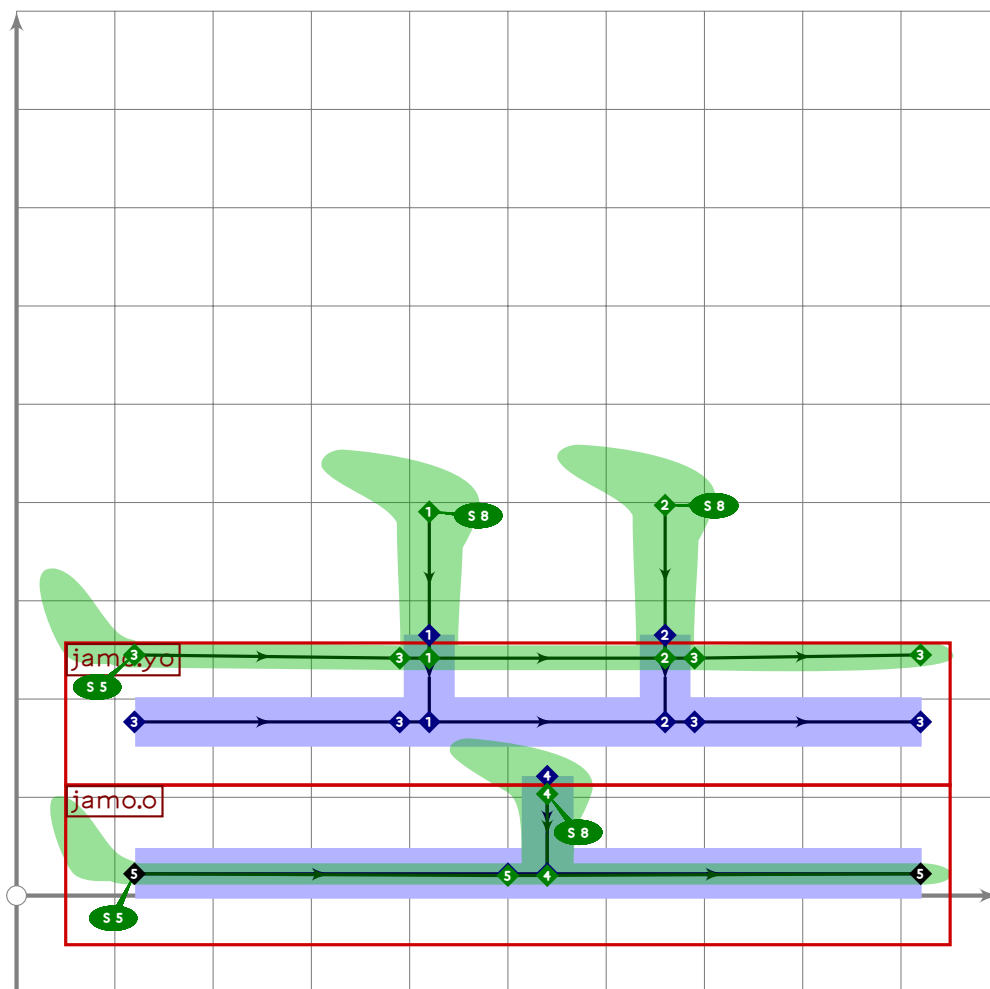


```

284 % hangul vowel yo-yeo
285 begintsuglyph("uni1186.nt",134);
286 hangul.combine.lr(312,306)(432,vixf,vox);
287 tsu_render;
288 endsuglyph;
289

```

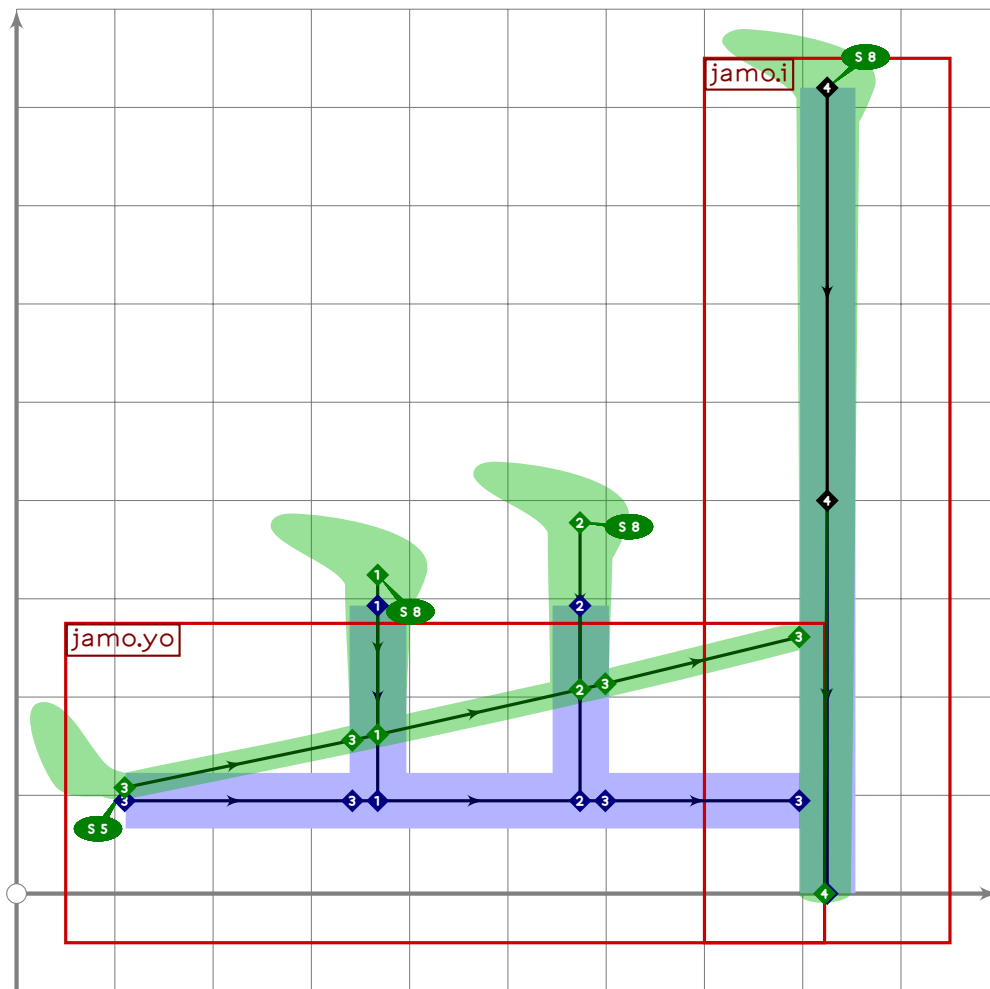
FF2



```

290 % hangul vowel yo-o
291 beginsuglyph("uni1187.nt",135);
292   hangul.combine.tb(312,308)(whatever,vixf,vox);
293   tsu_render;
294 endsuglyph;
295

```

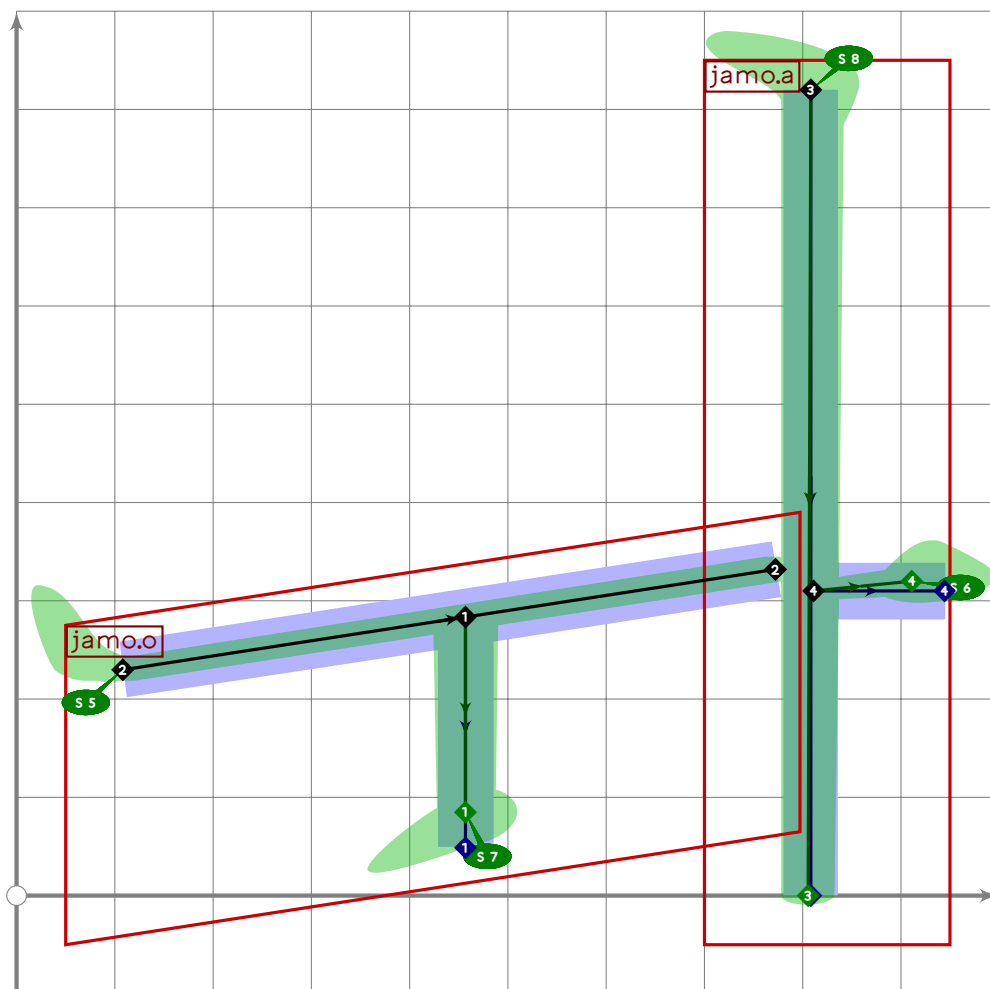


```

296 % hangul vowel yo-i
297 beginsuglyph("uni1188.nt",136);
298 hangul.combine.lr(312,320)(423,vixf,voxvf);
299 tsu_render;
300 endsuglyph;
301

```

FF2

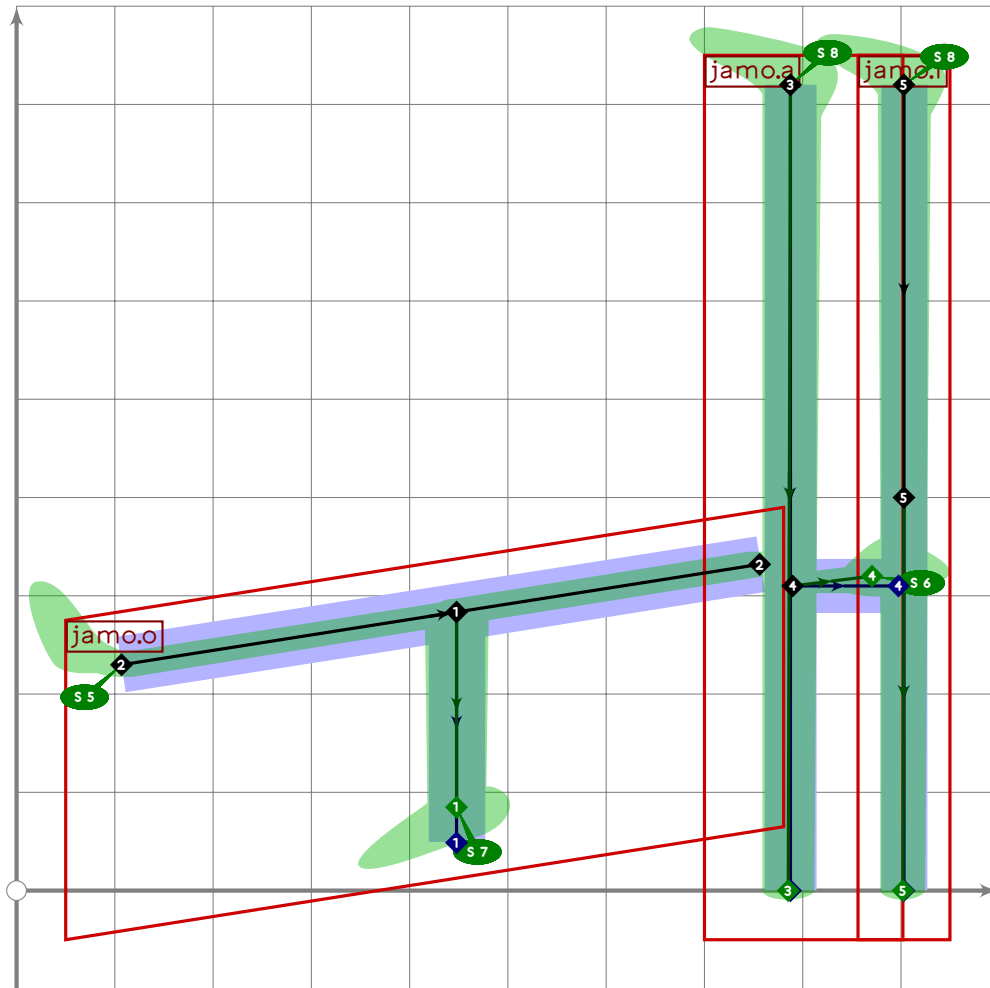


```

302 % hangul vowel u-a
303 beginsuglyph("uni1189.nt",137);
304   hangul.combine.lr(313,300)(433,vixf,voxvf);
305   tsu_render;
306 endsuglyph;
307

```



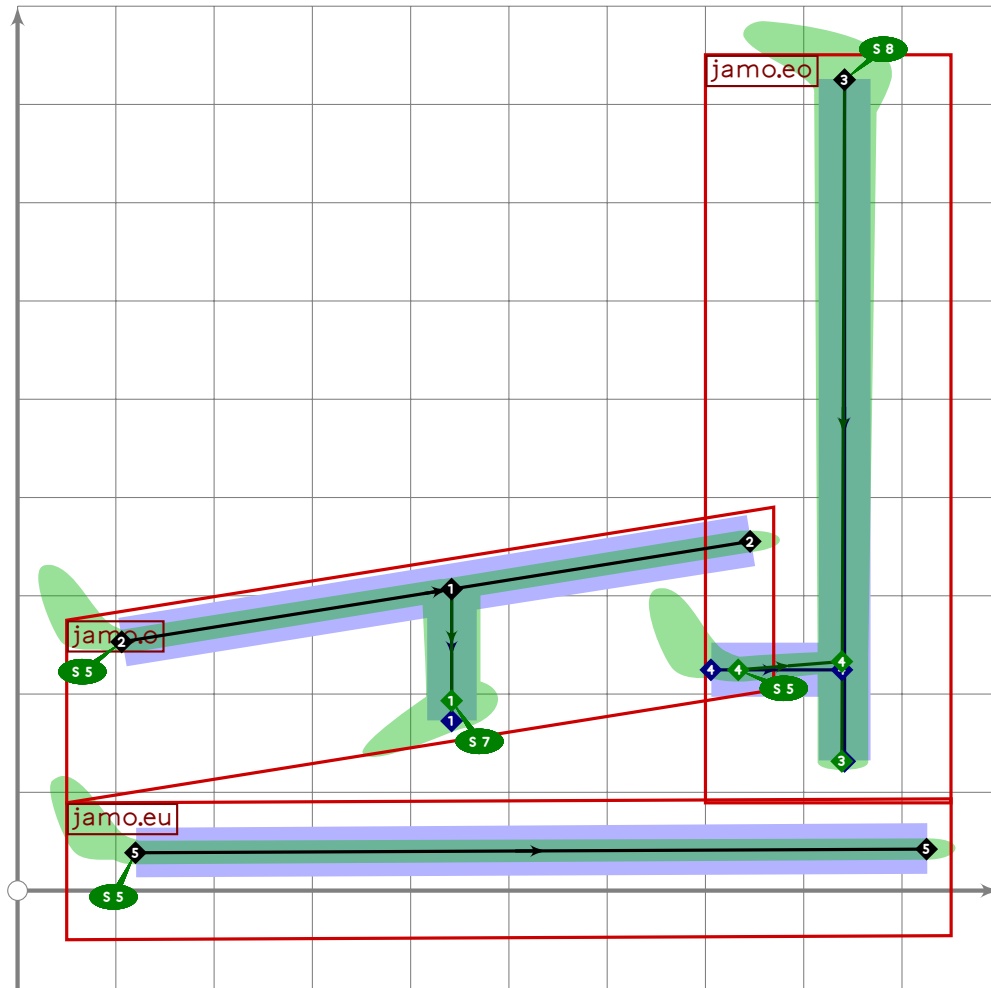


```

308 % hangul vowel u-ae
309 beginsuglyph("uni118A.nt",138);
310 hangul.combine.lr(313,301)(434,vixf,vox);
311 tsu_render;
312 endsuglyph;
313

```

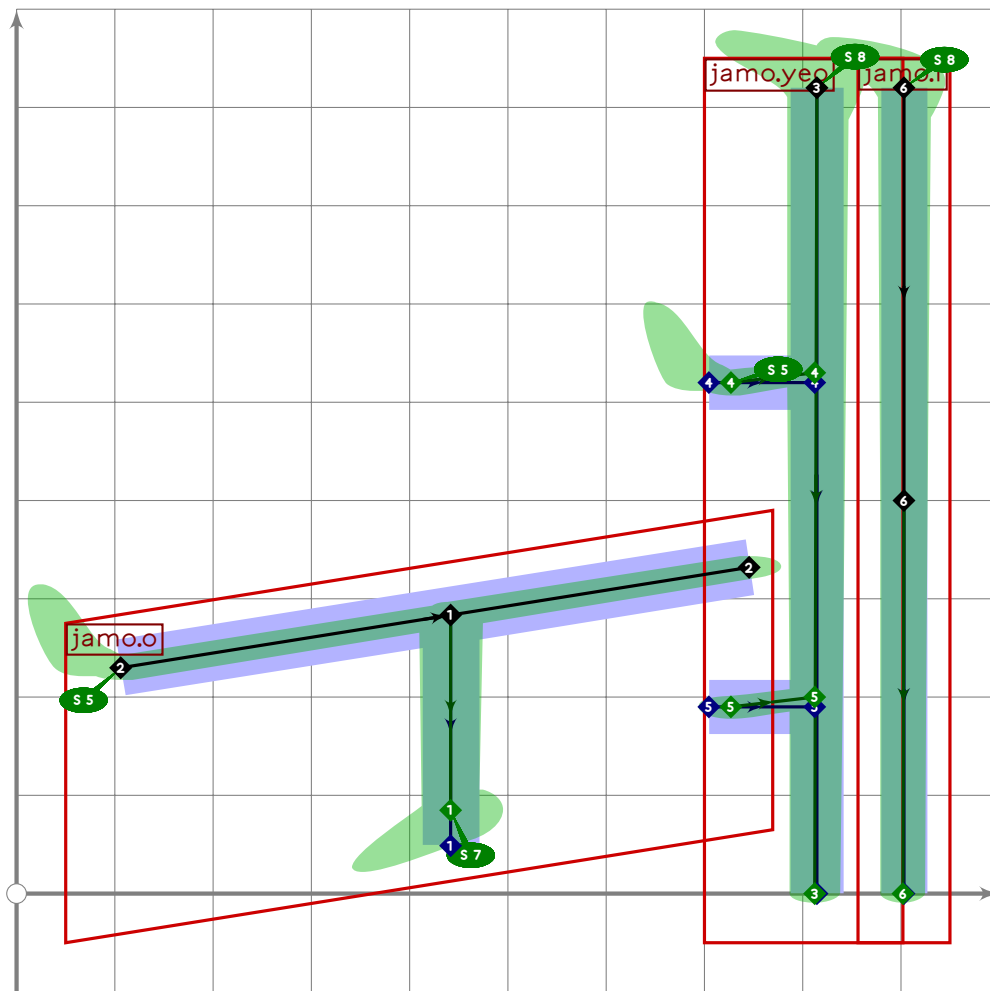
FF2



```

314 % hangul vowel u-eo-eu
315 begintsuglyph("uni118B.nt",139);
316 hangul.combine.tb(314,318)(435,vixf,vox);
317 tsu_render;
318 endtsuglyph;
319

```



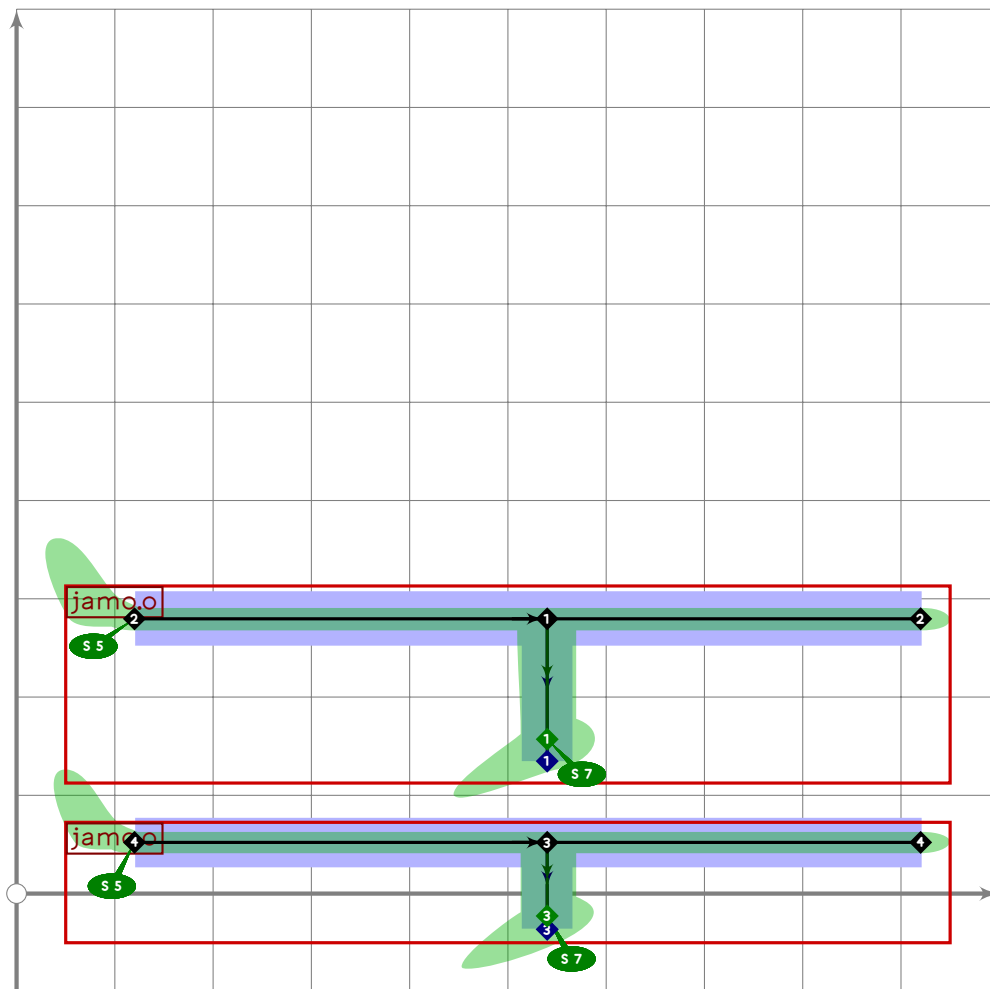
```

320 % hangul vowel u-ye
321 beginsuglyph("uni118C.nt",140);
322   hangul.combine.lr(313,307)(436,vixf,voxf);
323   tsu_render;
324 endsuglyph;
325

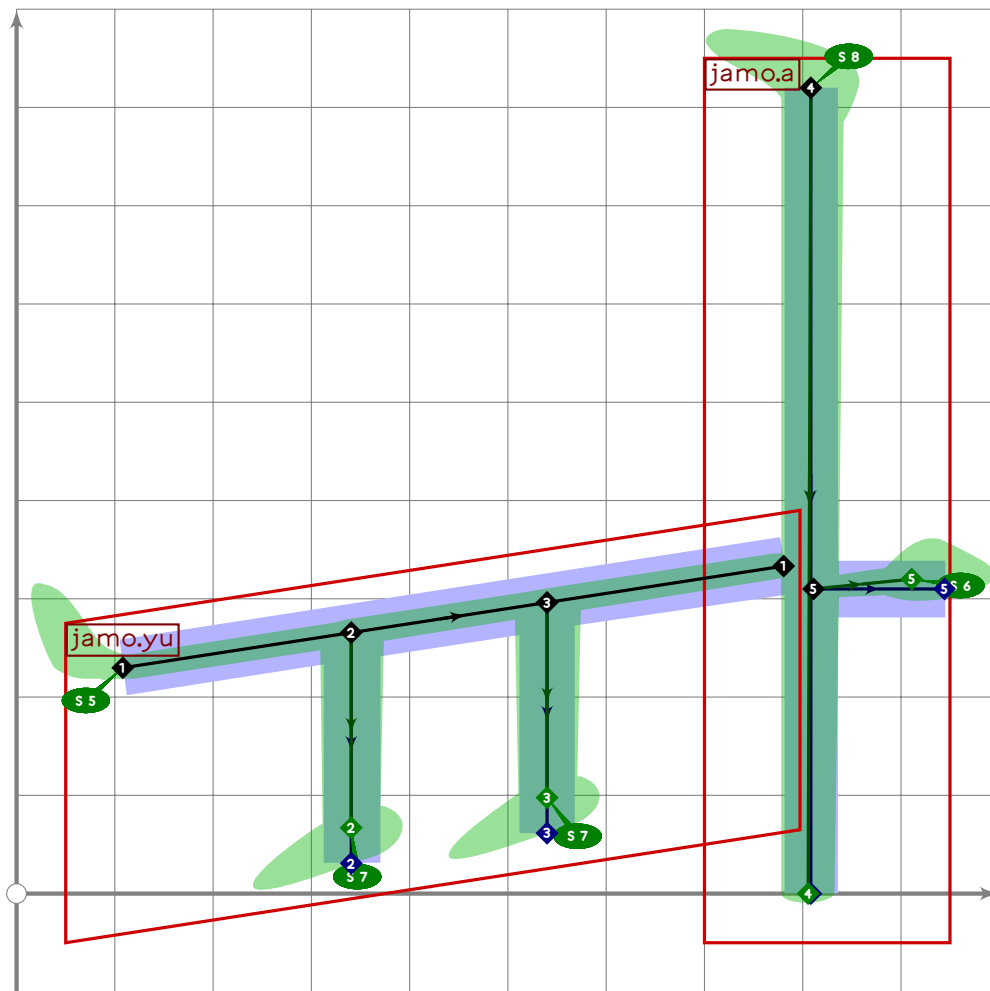
```

U+FF28D  
jieu.uni118D.nt

FF2



```
326 % hangul vowel u-u
327 beginsuglyph("uni118D.nt",141);
328 hangul.combine.tb(313,313)(whatever,vixf,vox);
329 tsu_render;
330 endsuglyph;
331
```

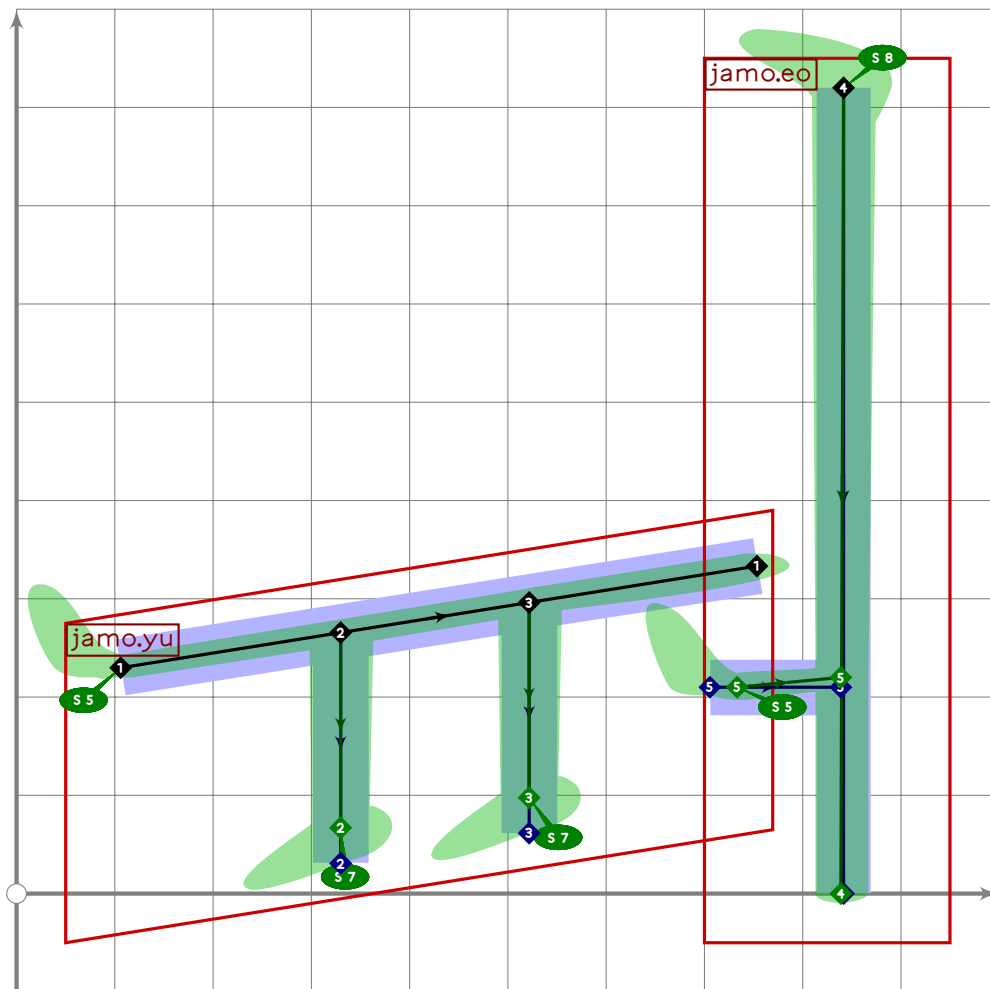


```

332 % hangul vowel yu-a
333 begintsuglyph("uni118E.nt",142);
334 hangul.combine.lr(317,300)(437,vixf,voxv);
335 tsu_render;
336 endtsuglyph;
337

```

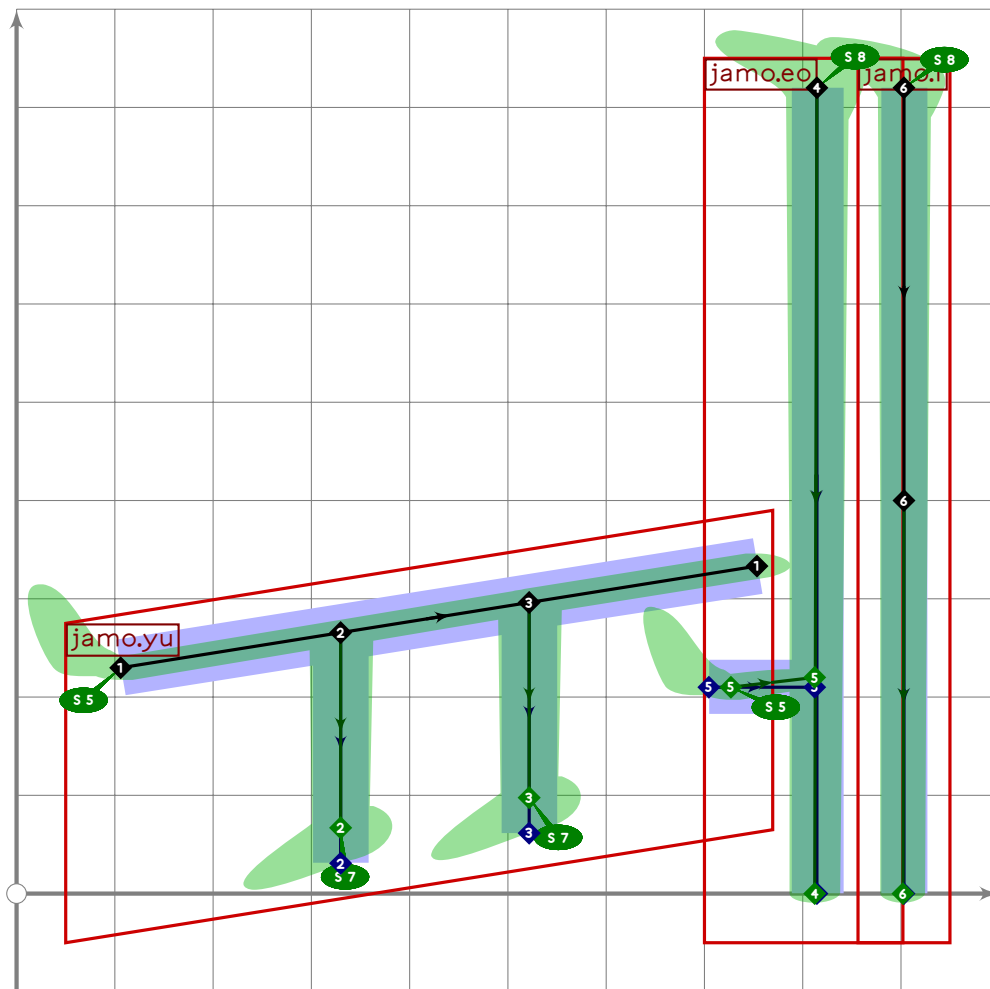
FF2



```

338 % hangul vowel yu-eo
339 begintsuglyph("uni118F.nt",143);
340 hangul.combine.lr(317,304)(438,vixf,voxf);
341 tsu_render;
342 endtsuglyph;
343

```

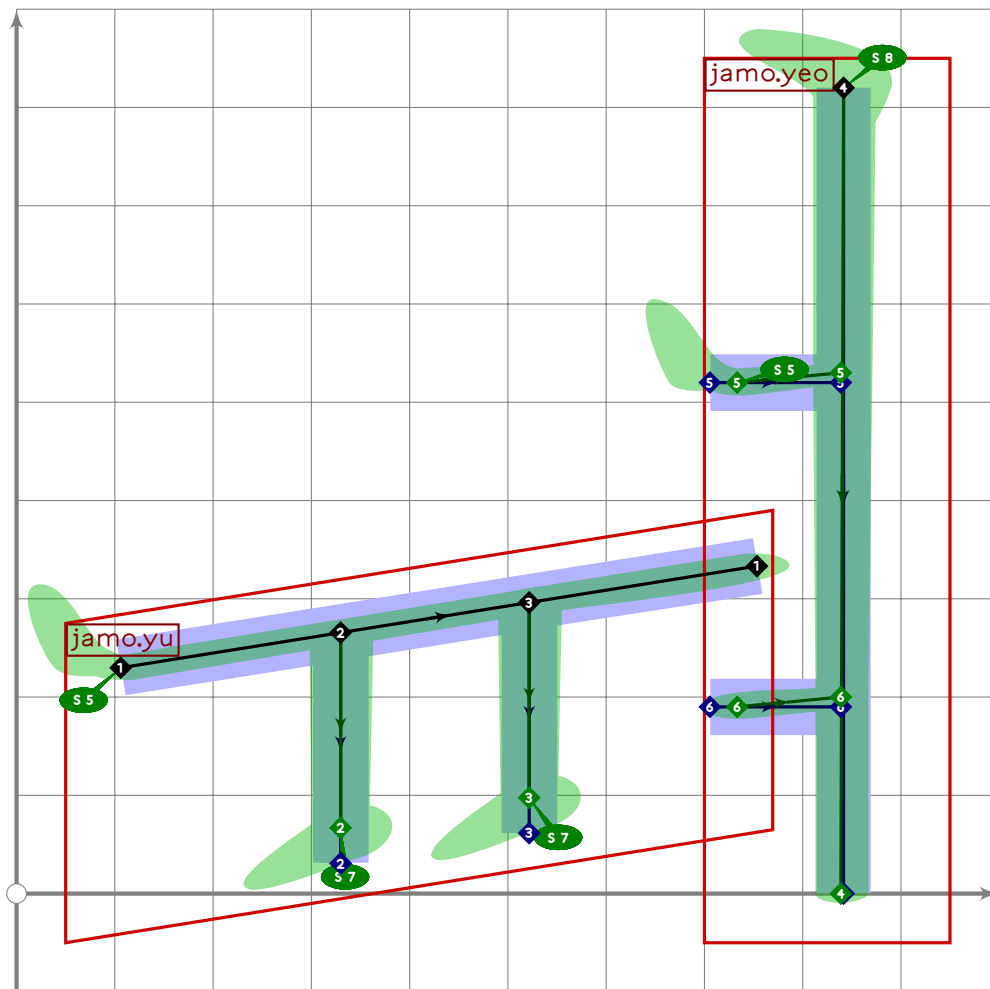


```

344 % hangul vowel yu-e
345 begintsuglyph("uni1190.nt",144);
346 hangul.combine.lr(317,305)(439,vixf,voxf);
347 tsu_render;
348 endtsuglyph;
349

```

FF2

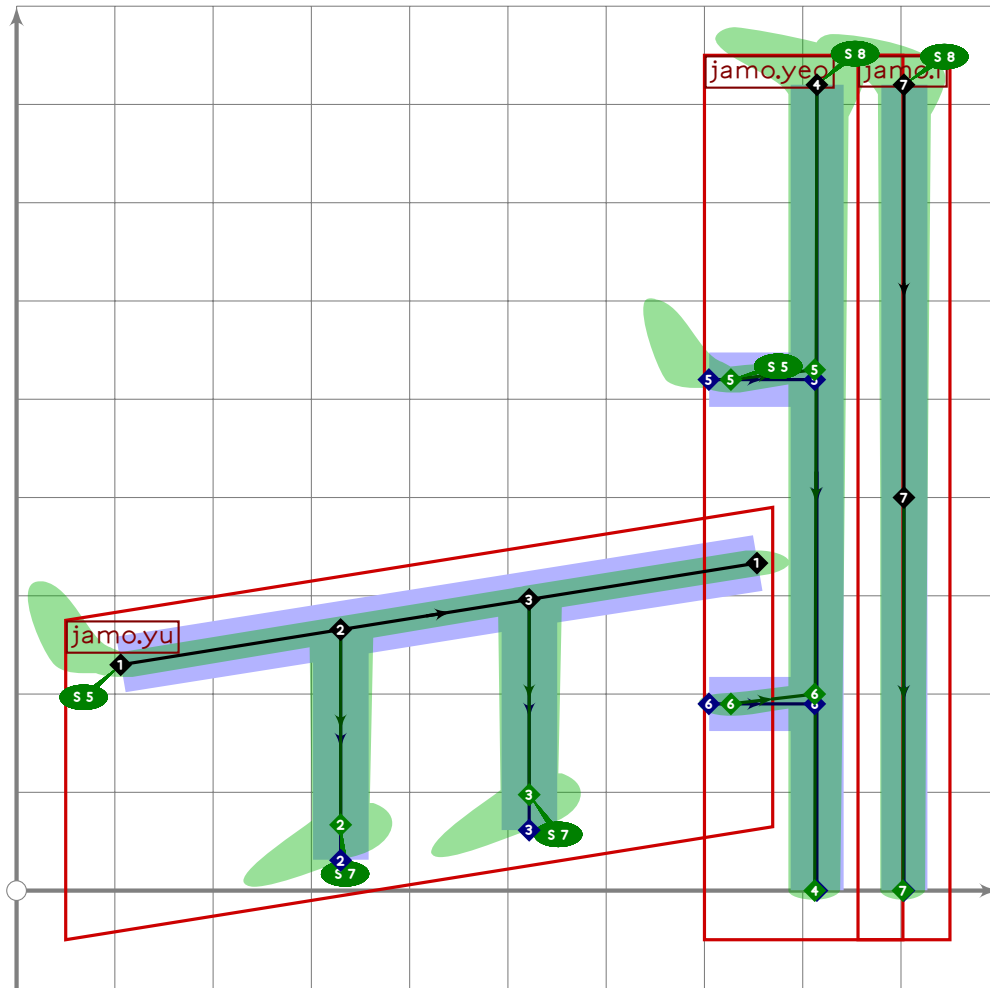


```

350 % hangul vowel yu-yeo
351 begintsuglyph("uni1191.nt",145);
352   hangul.combine.lr(317,306)(424,vixf,vox f);
353   tsu_render;
354 endtsuglyph;
355

```



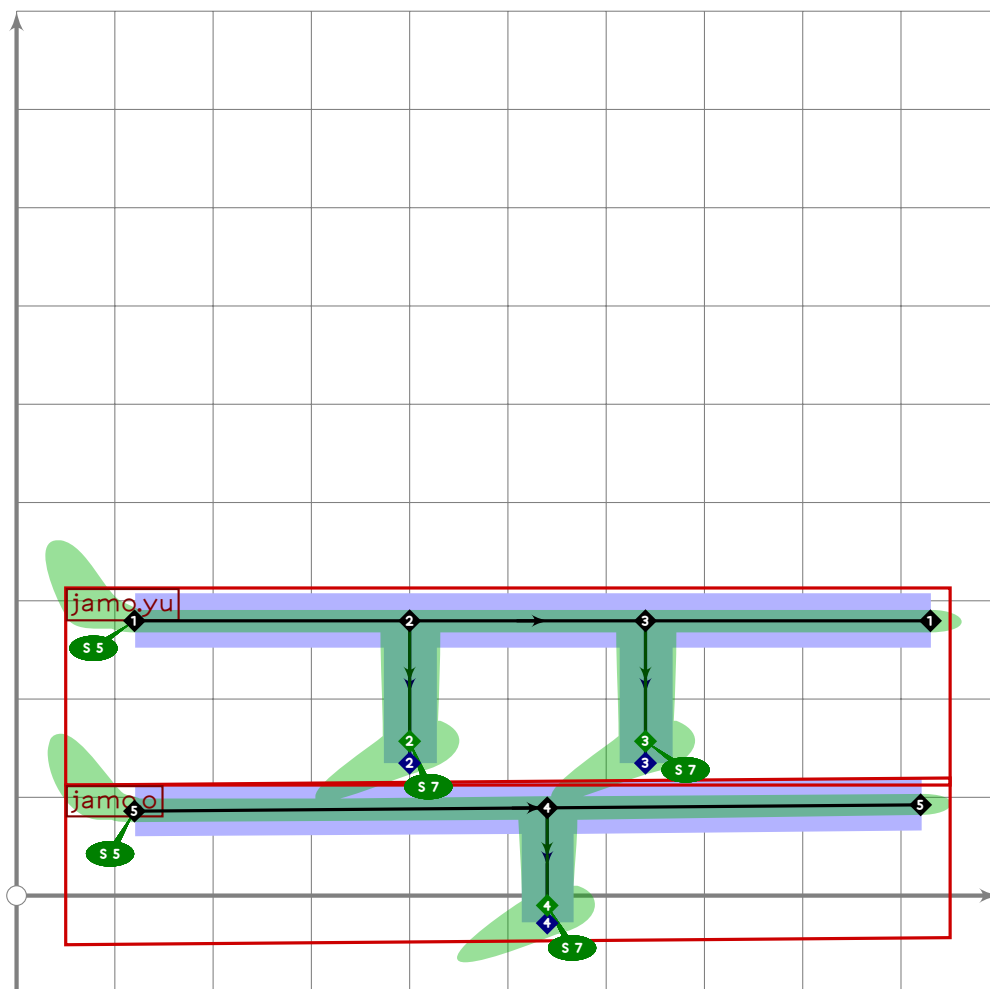


```

356 % hangul vowel yu-ye
357 begintsuglyph("uni1192.nt",146);
358   hangul.combine.lr(317,307)(425,vixf,vox);
359   tsu_render;
360 endtsuglyph;
361

```

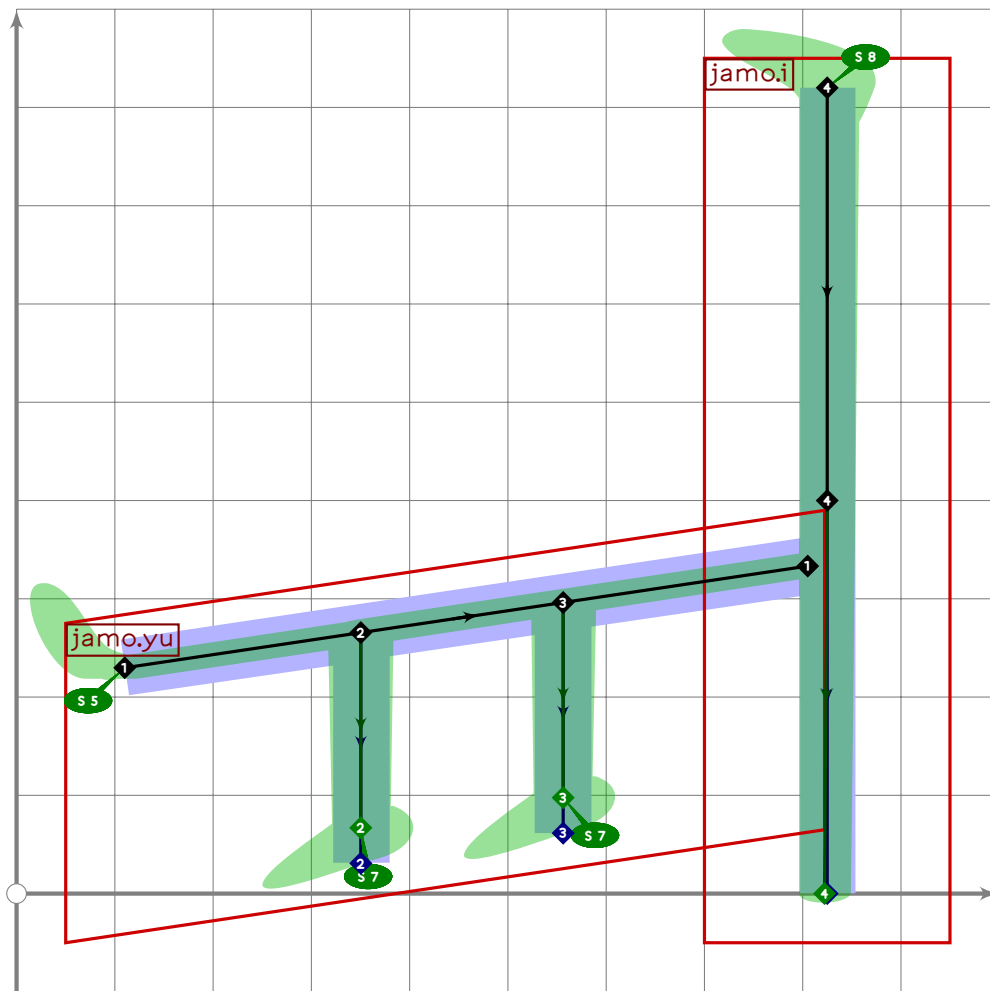
FF2



```

362 % hangul vowel yu-u
363 beginsuglyph("uni1193.nt",147);
364 hangul.combine.tb(317,313)(whatever,vixf,vox);
365 tsu_render;
366 endsuglyph;
367

```

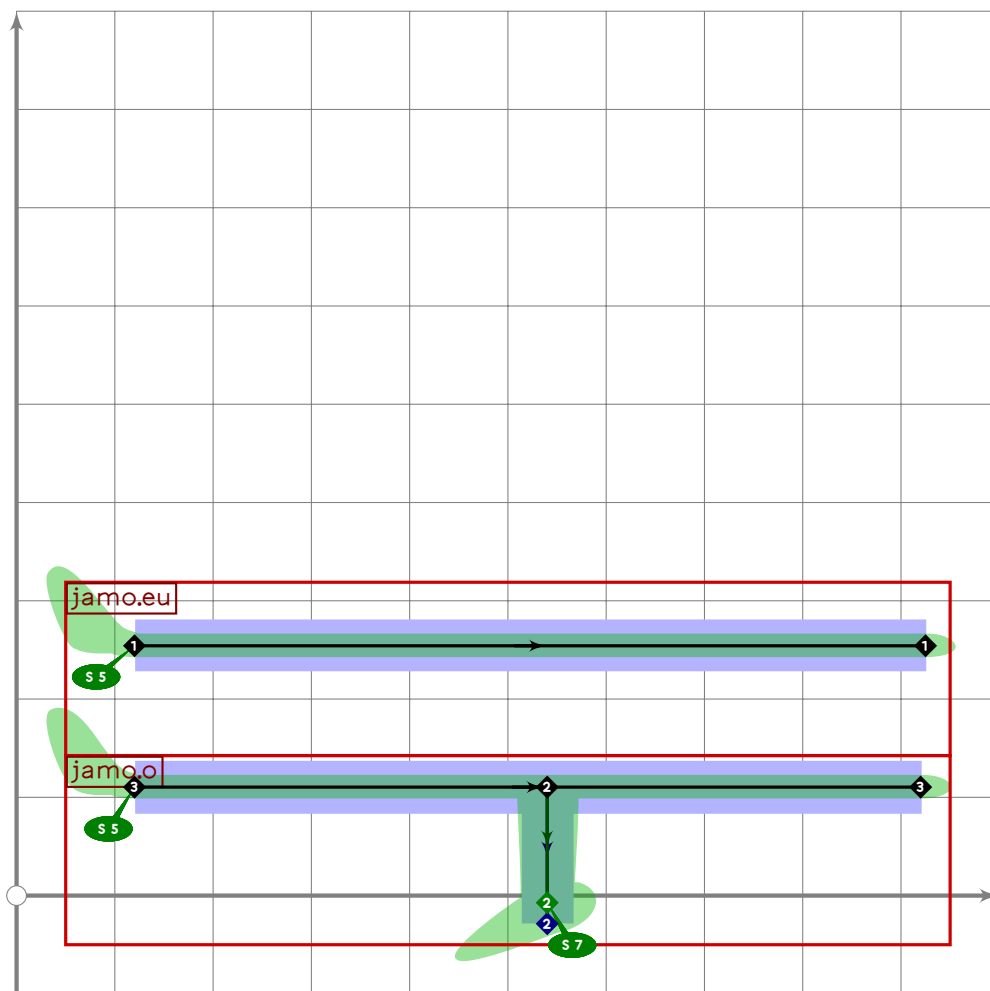


```

368 % hangul vowel yu-i
369 begintsuglyph("uni1194.nt",148);
370 hangul.combine.lr(317,320)(426,vixf,vox);
371 tsu_render;
372 endtsuglyph;
373

```

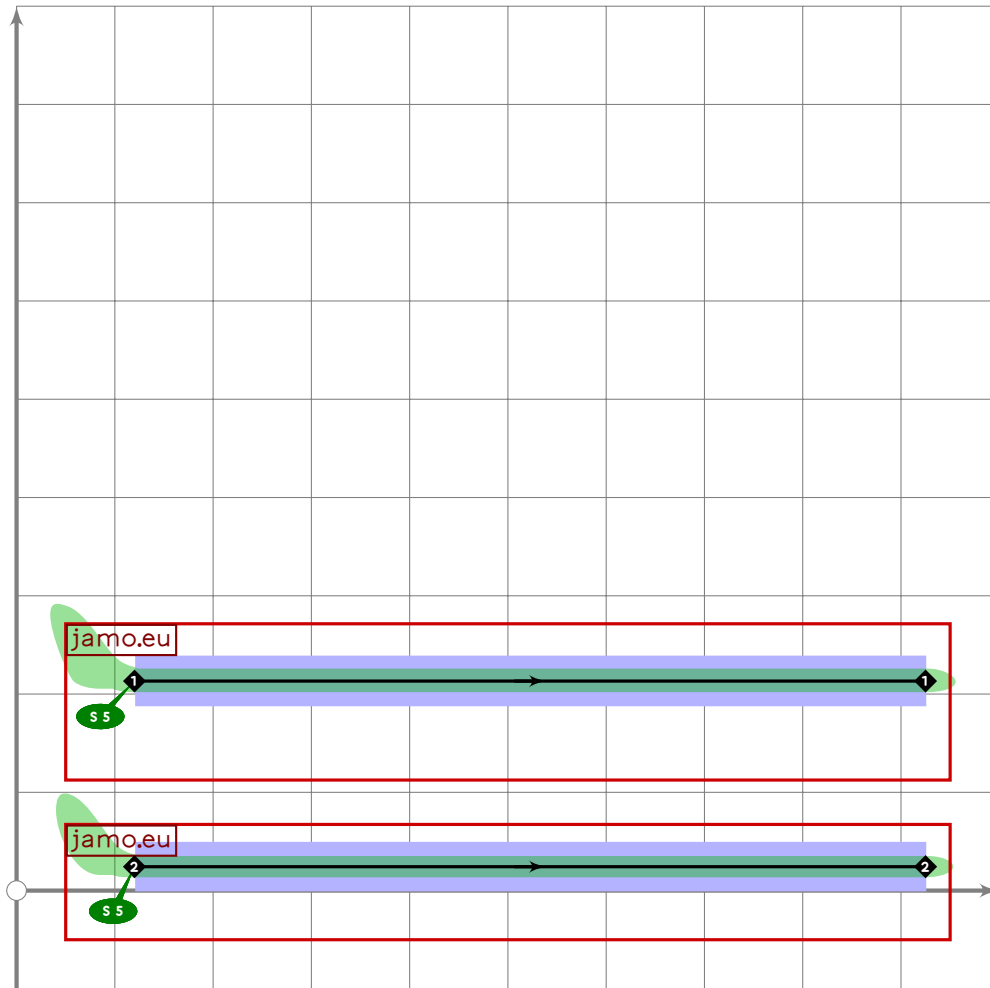
FF2



```

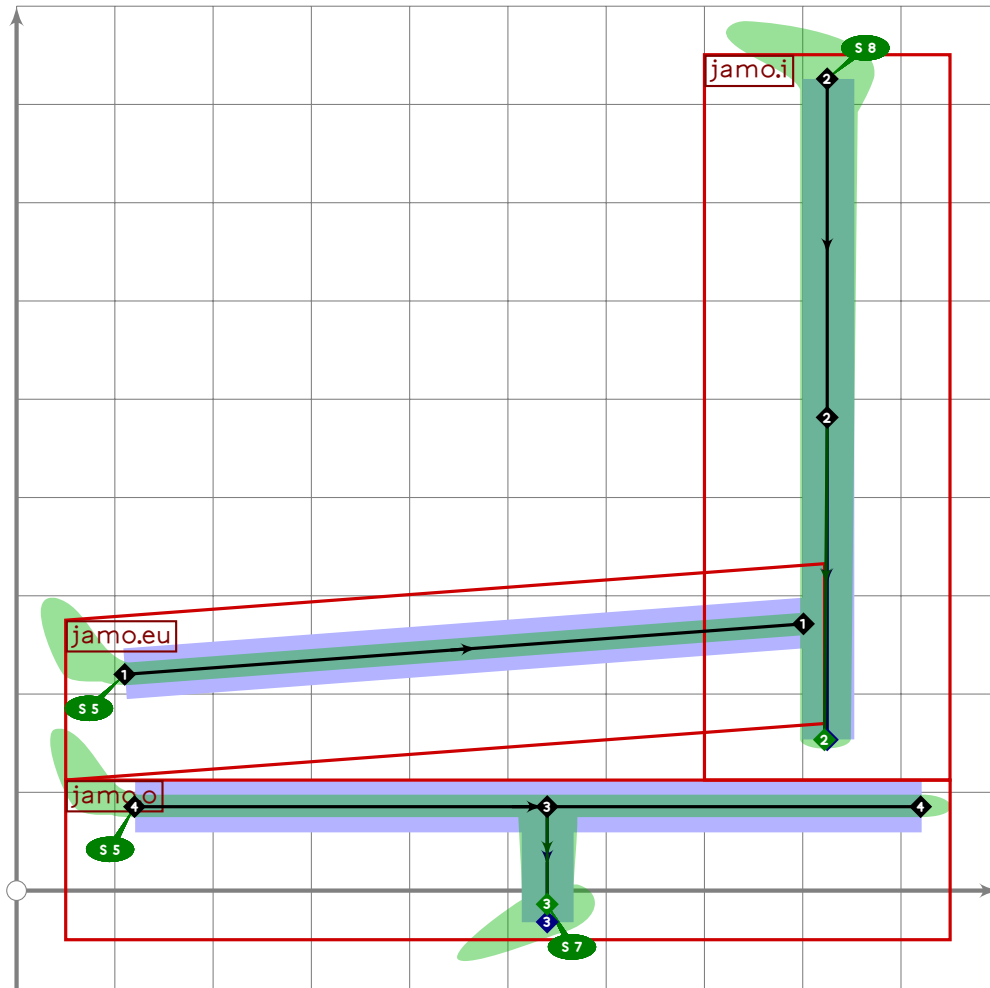
374 % hangul vowel eu-u
375 beginsuglyph("uni1195.nt",149);
376   hangul.combine.tb(318,313)(whatever,tvixf,voxf);
377   tsu_render;
378 endsuglyph;
379

```



```
380 % hangul vowel eu-eu
381 begintsuglyph("uni1196.nt",150);
382 hangul.combine.tb(318,318)(whatever,vixf,vox);
383 tsu_render;
384 endsuglyph;
385
```

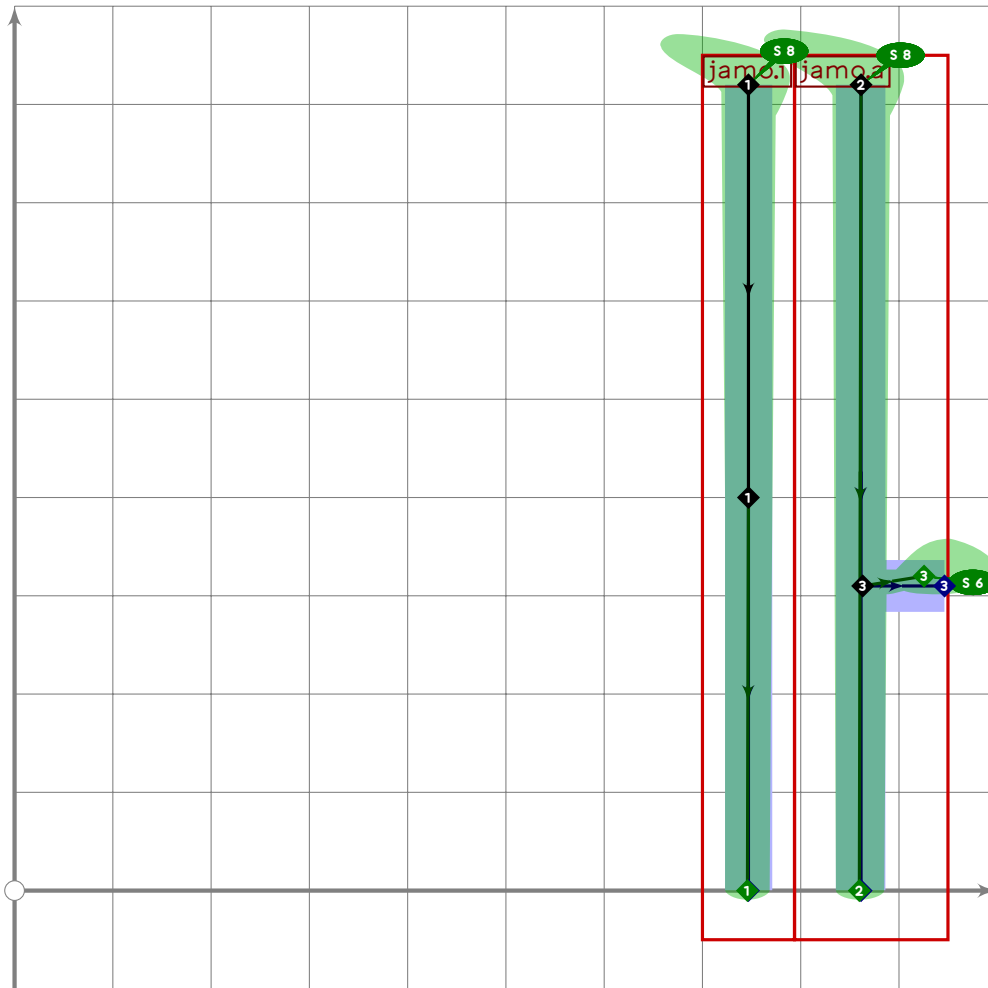
FF2



```

386 % hangul vowel yi-u
387 begint Suglyph("uni1197.nt",151);
388   hangul.combine.tb(319,313)(440,vixf,vox f);
389   tsu_render;
390 endtsuglyph;
391

```



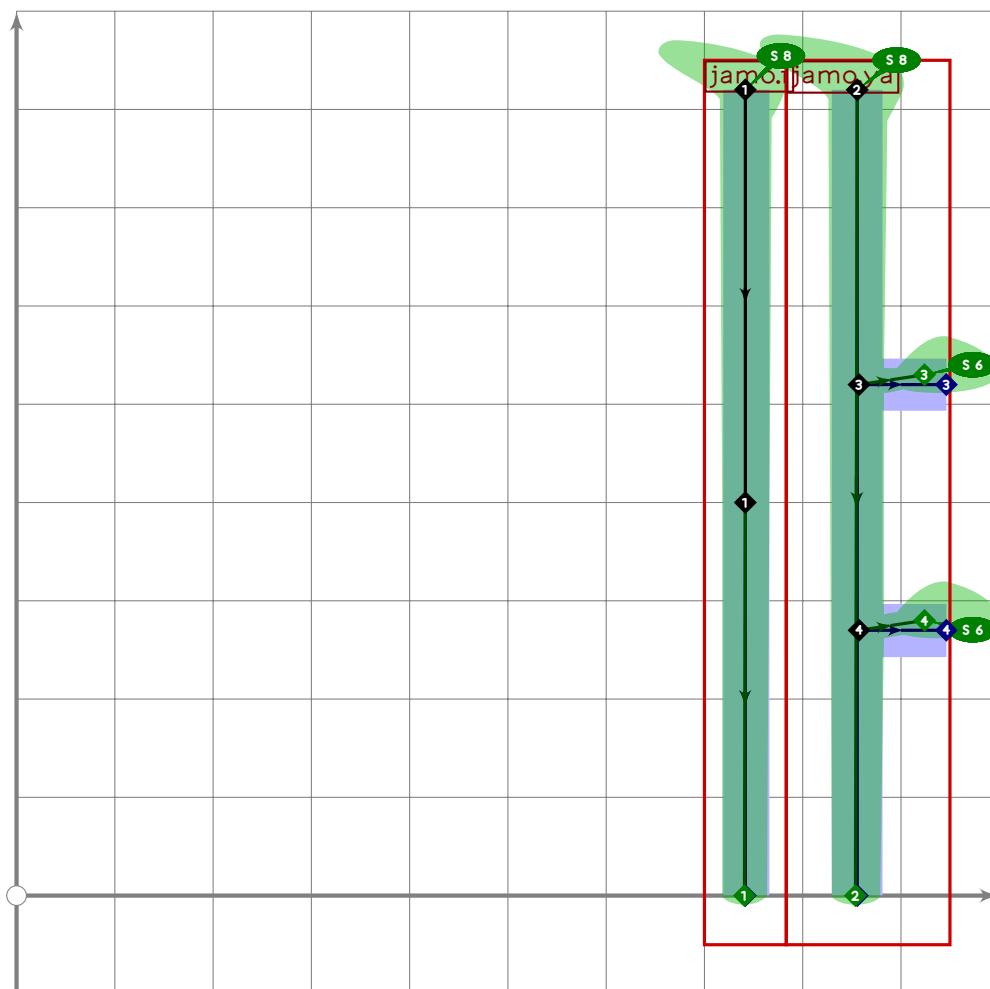
```

392 % hangul vowel i-a
393 beginsuglyph("uni1198.nt",152);
394   hangul.combine.lr(320,300)(whatever,vixf,vox);
395   tsu_render;
396 endsuglyph;
397

```

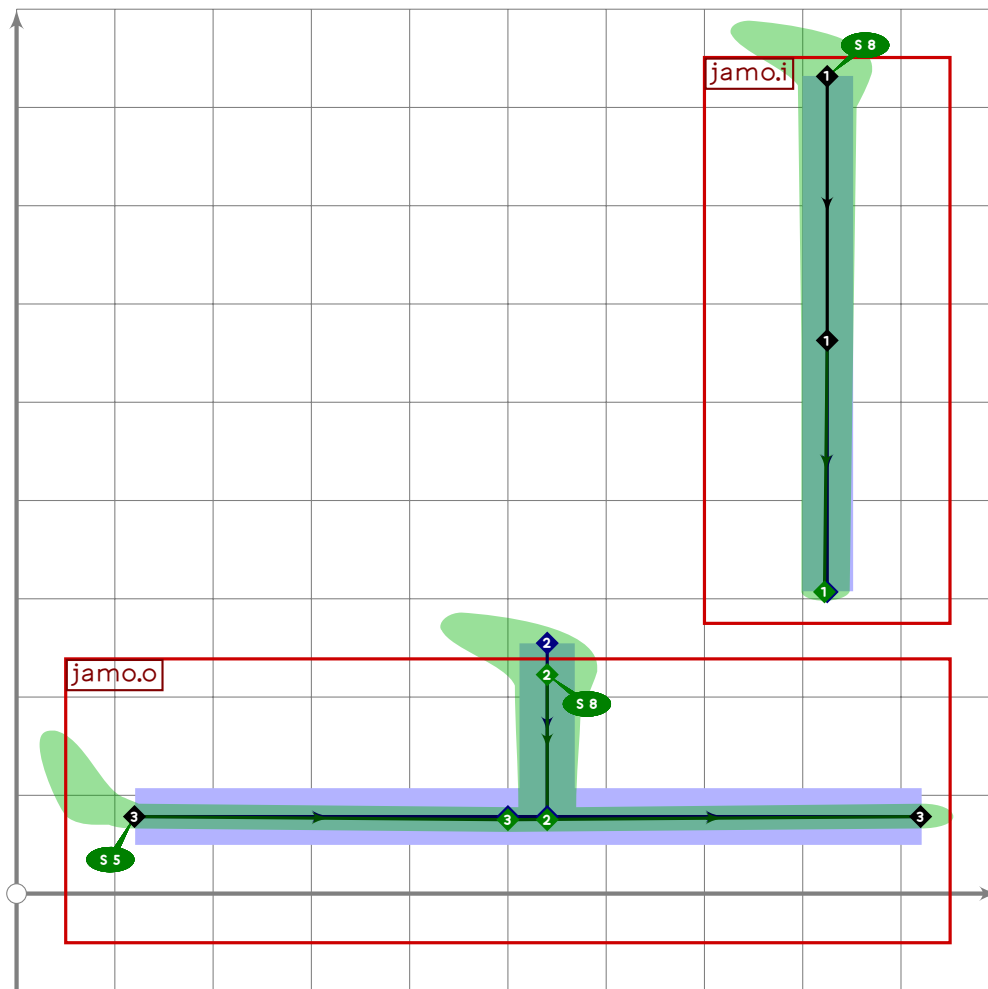
U+FF299  
jieub.uni1199.nt

FF2



```
398 % hangul vowel i-ya
399 beginsuglyph("uni1199.nt",153);
400 hangul.combine.lr(320,302)(whatever,vixf,voxf);
401 tsu_render;
402 endsuglyph;
403
```



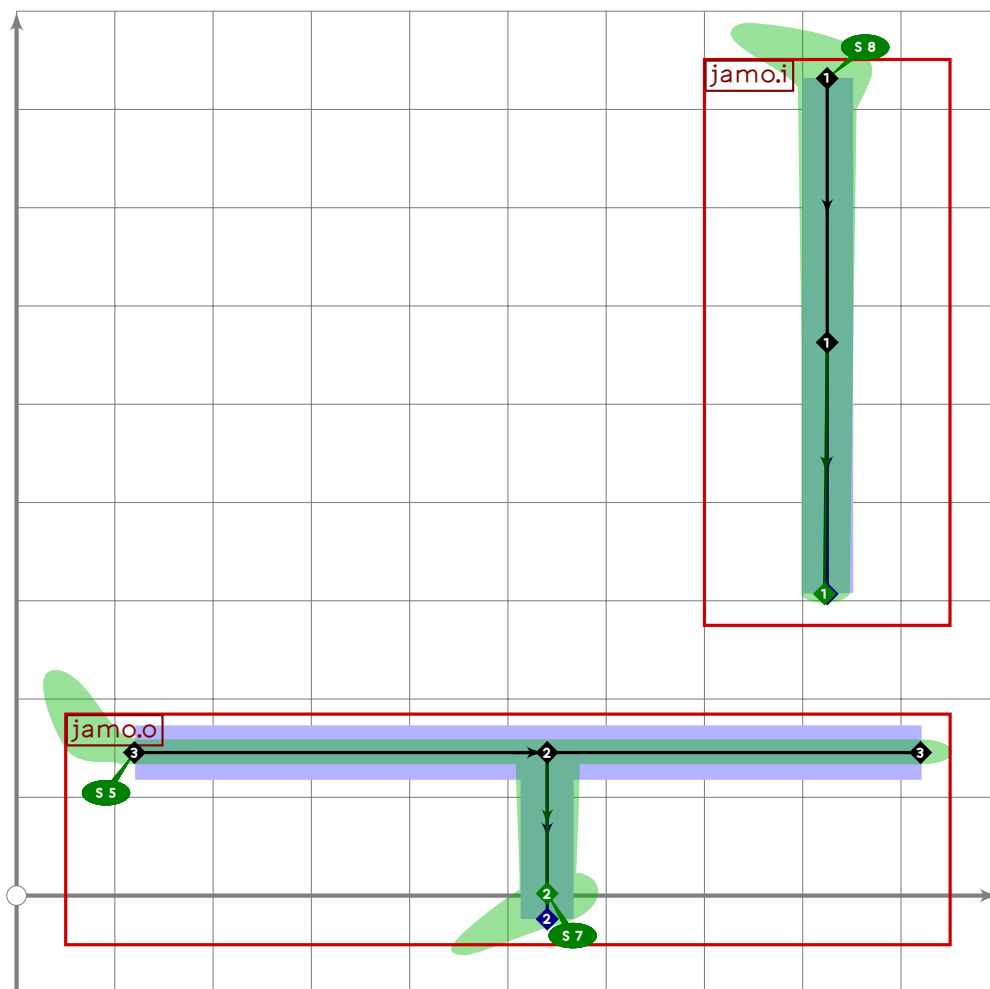


```

404 % hangul vowel i-o
405 beginsuglyph("uni119A.nt",154);
406 hangul.combine.tb(320,308)(whatever,vixf,voxf);
407 tsu_render;
408 endsuglyph;
409

```

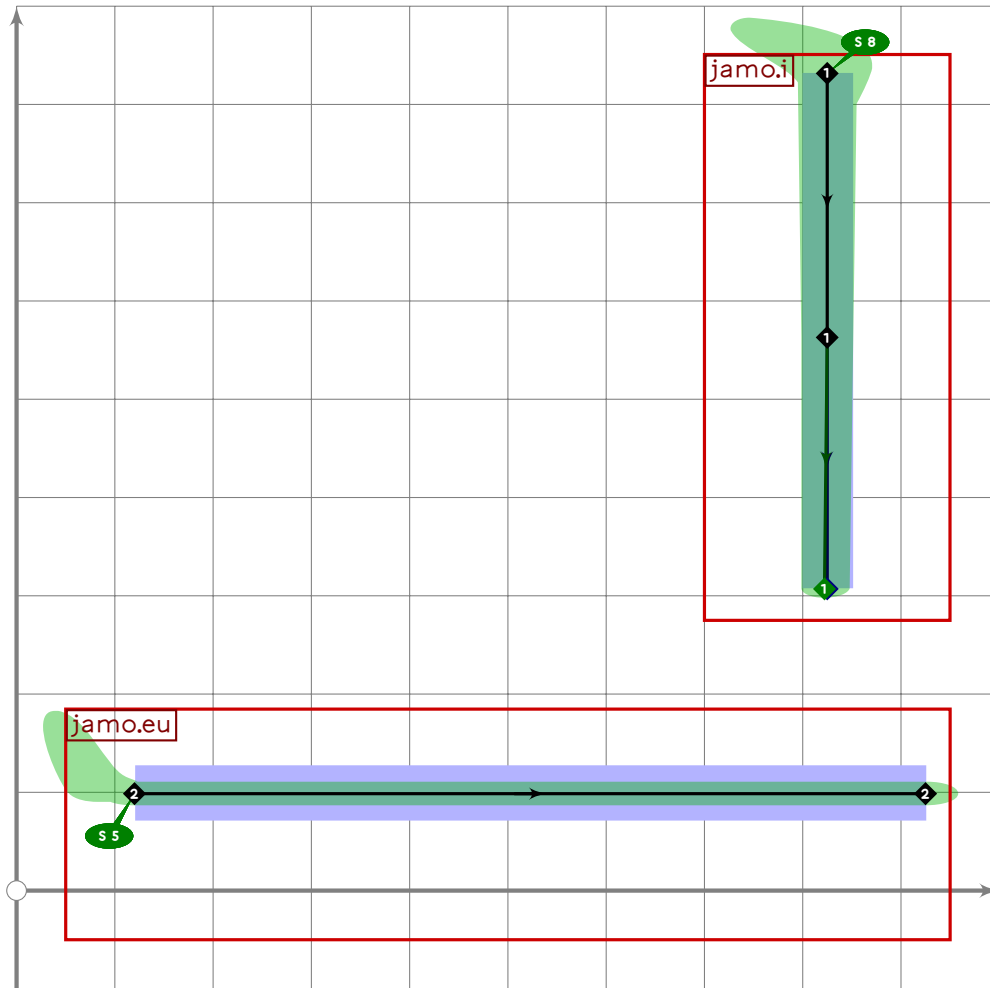
FF2



```

410 % hangul vowel i-u
411 begintsuglyph("uni119B.nt",155);
412 hangul.combine.tb(320,313)(whatever,vixf,vox);
413 tsu_render;
414 endtsuglyph;
415

```



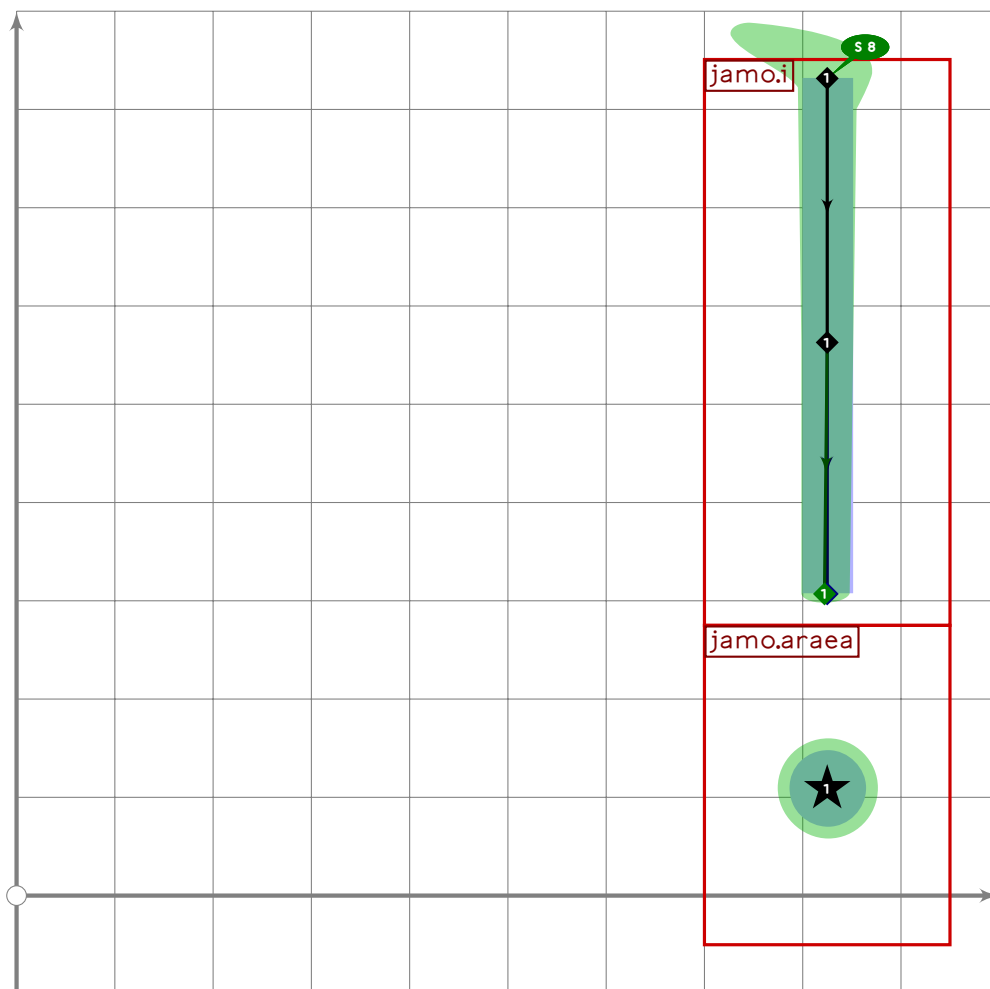
```

416 % hangul vowel i-eu
417 begintsuglyph("uni119C.nt",156);
418 hangul.combine.tb(320,318)(whatever,vixf,vox);
419 tsu_render;
420 endsuglyph;
421

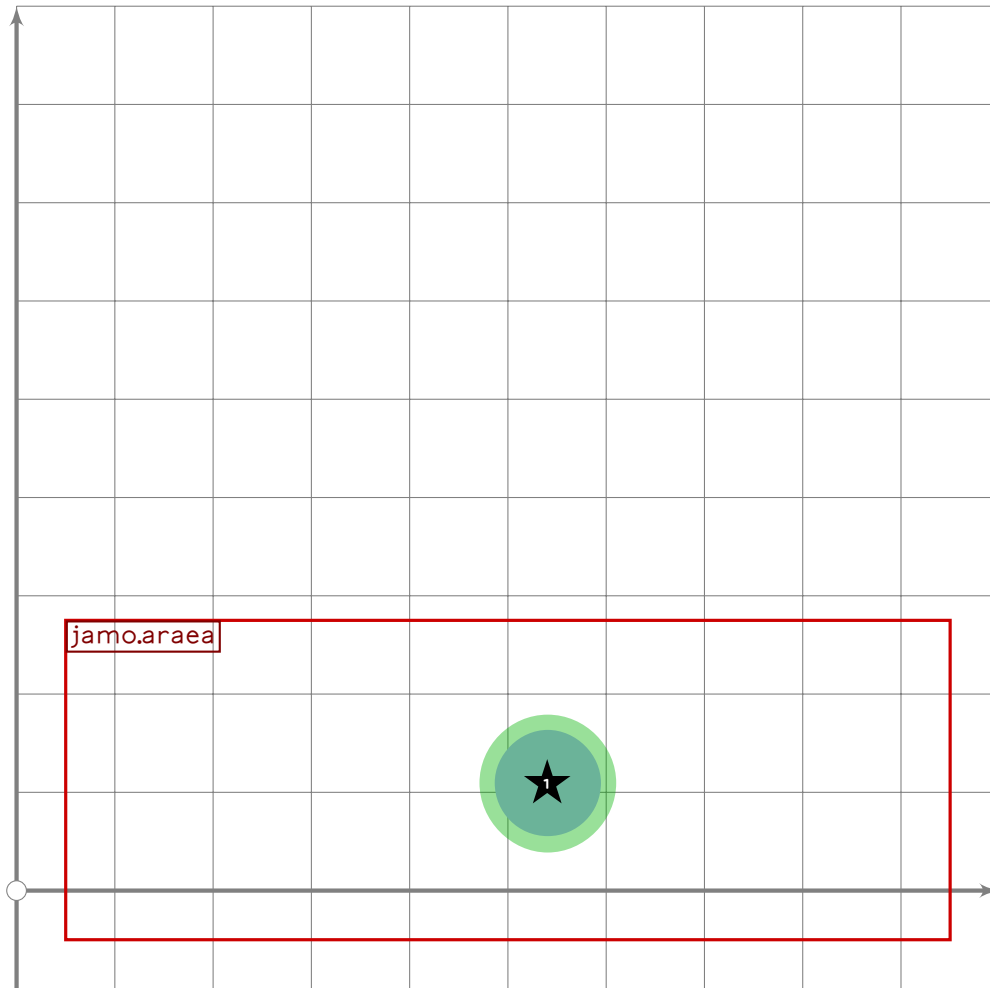
```

U+FF29D  
jieub.uni119D.nt

FF2

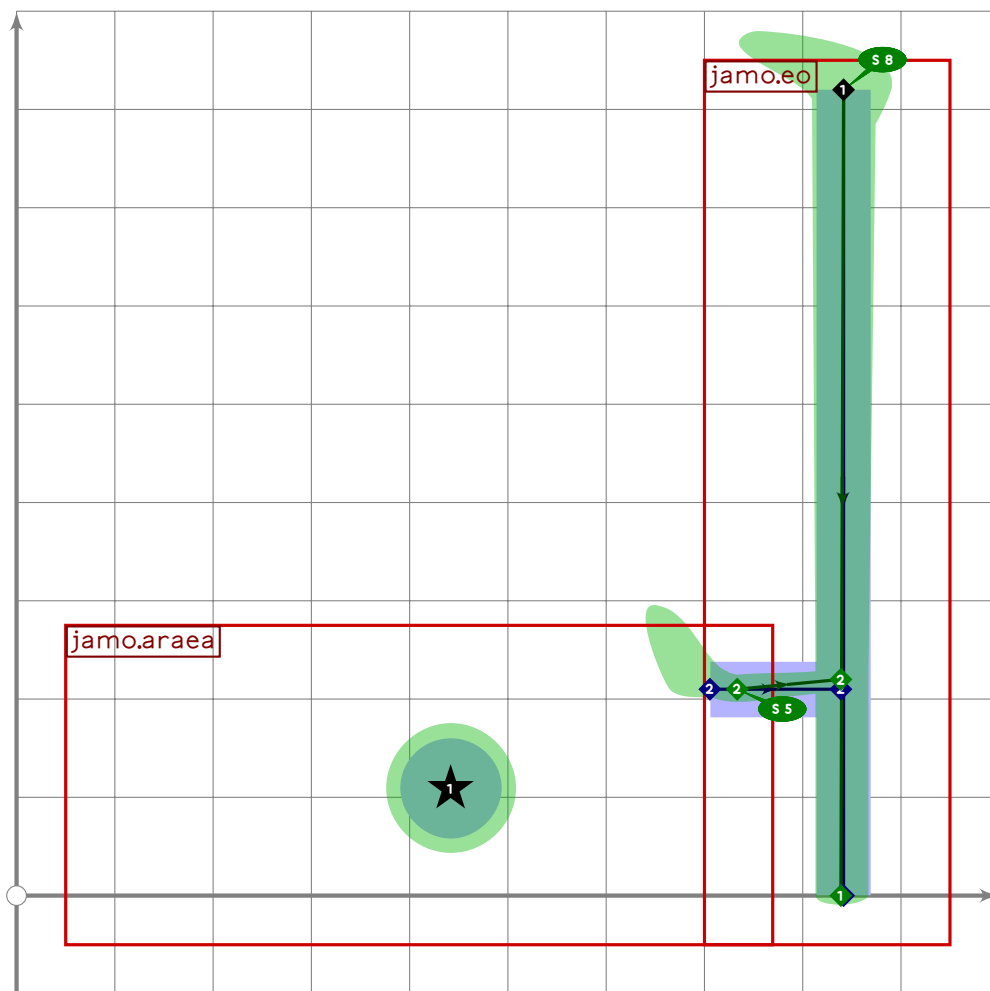


```
422 % hangul vowel i-araea
423 beginsuglyph("uni119D.nt",157);
424 hangul.combine.tb(320,428)(441,vixf,vox f);
425 tsu_render;
426 endsuglyph;
427
```

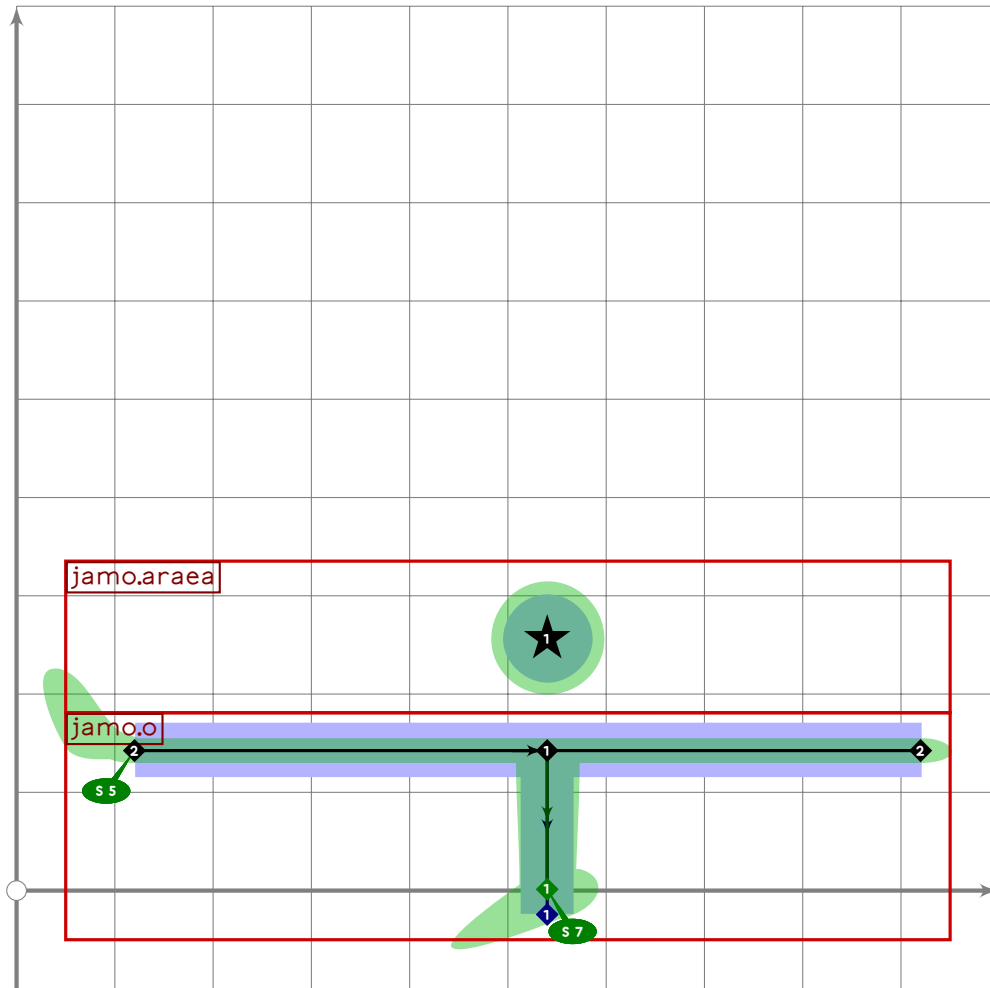


```
428 % hangul vowel araea
429 begintsuglyph("uni119E.nt",158);
430 hangul.jamo.araea(428,vixf,vox);
431 tsu_render;
432 endtsuglyph;
433
```

FF2



```
434 % hangul vowel araea-eo
435 begintsuglyph("uni119F.nt",159);
436   hangul.combine.lr(428,304)(whatever,vixf,voxvf);
437   tsu__render;
438 endtsuglyph;
439
```



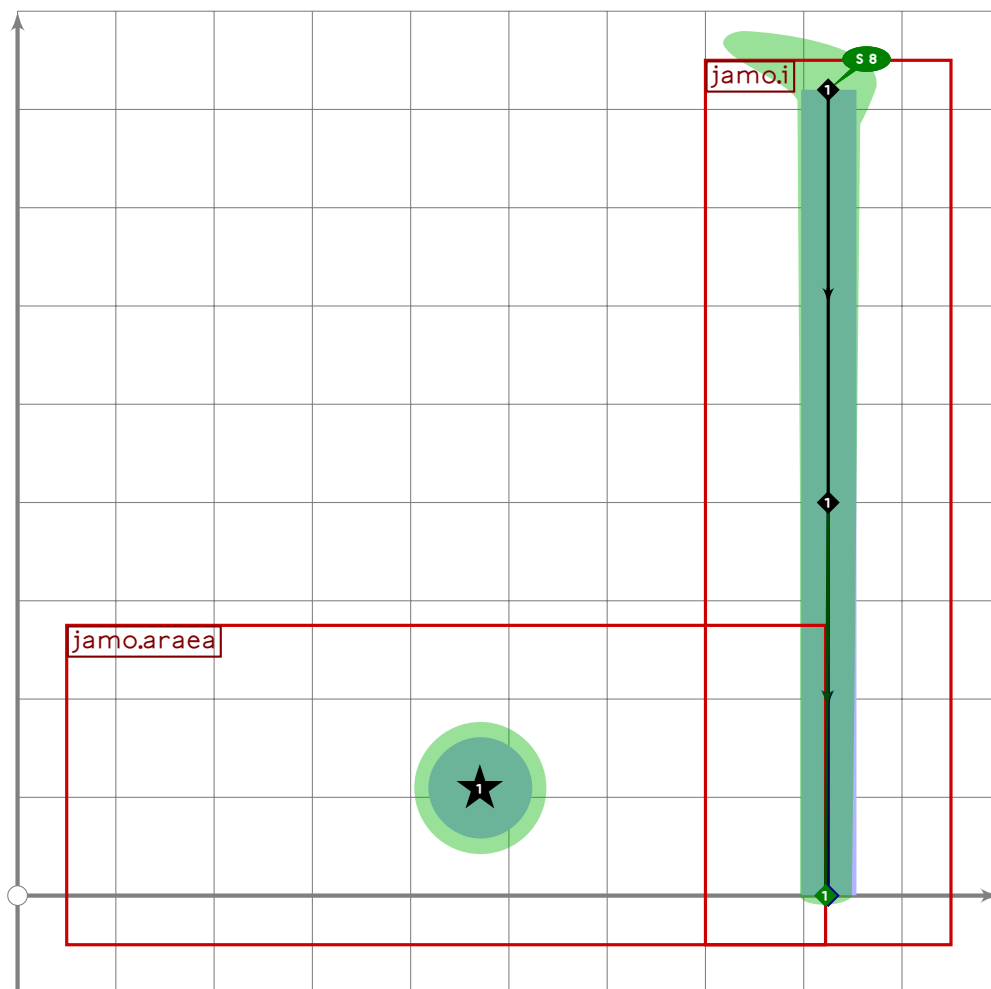
```

440 % hangul vowel araea-u
441 beginsuglyph("uni11A0.nt",160);
442 hangul.combine.tb(428,313)(whatever,tvixf,voxf);
443 tsu_render;
444 endsuglyph;
445

```

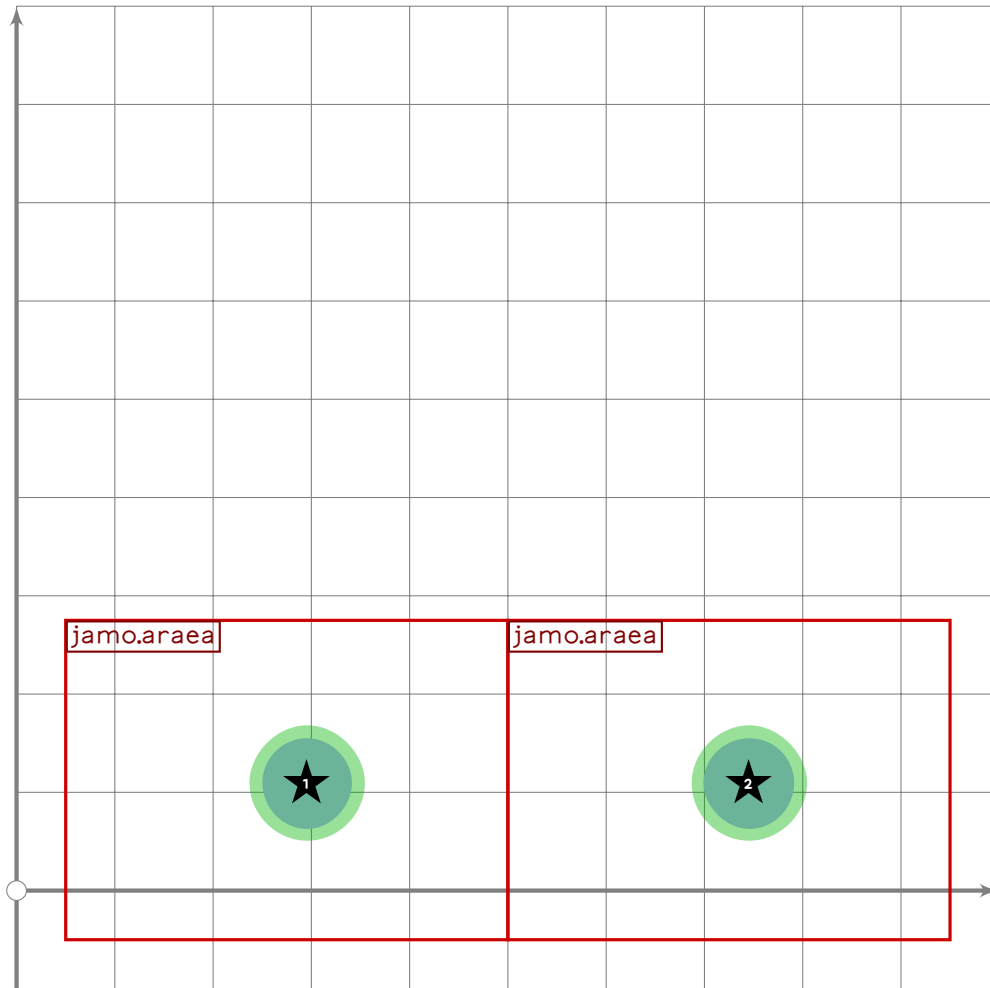
U+FF2A1  
jieub.uni11A1.nt

FF2



```
446 % hangul vowel araea-i
447 beginsuglyph("uni11A1.nt",161);
448 hangul.combine.lr(428,320)(427,vixf,voxf);
449 tsu_render;
450 endsuglyph;
451
```





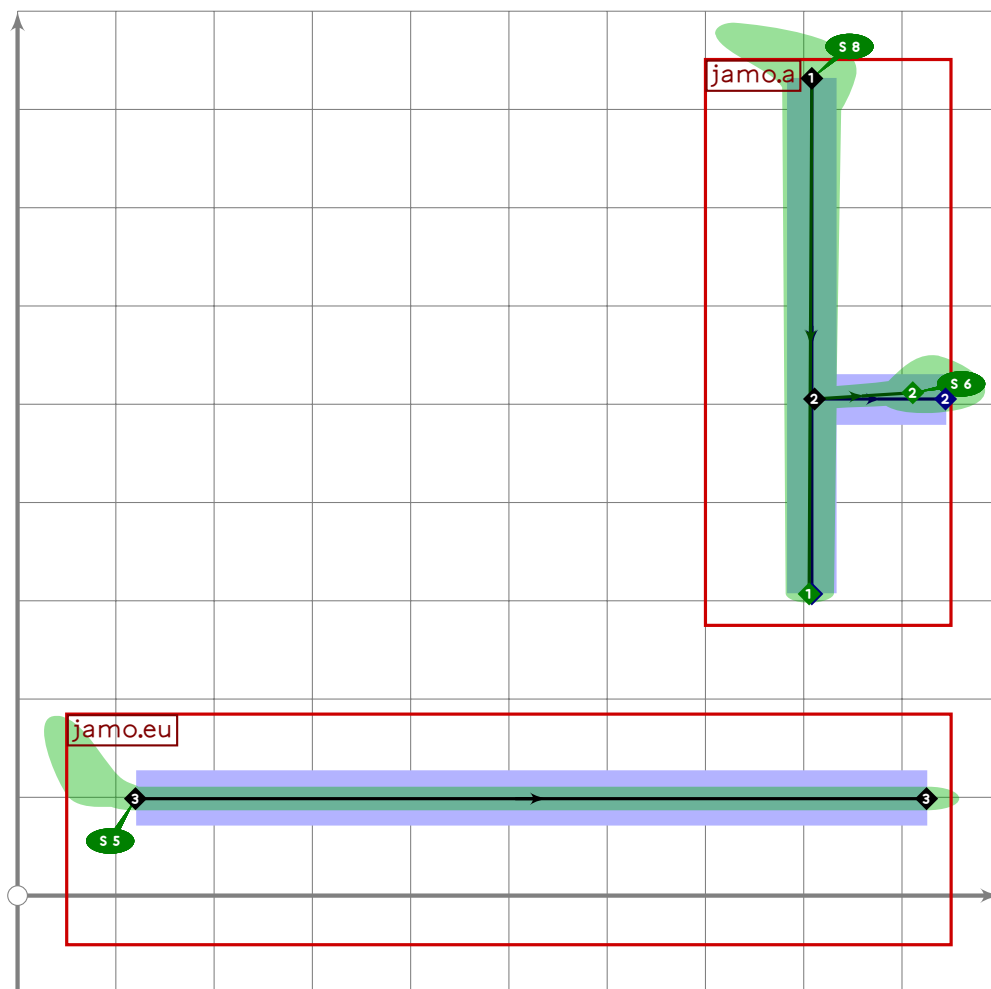
```

452 % hangul vowel ssangaraea
453 beginsuglyph("uni11A2.nt",162);
454   hangul.combine.lr(428,428)(whatever,
455     hxf_inout(5,vixf,vox),vox);
456   tsu_render;
457 endtsuglyph;
458

```

U+FF2A3  
jjeub.uni11A3.nt

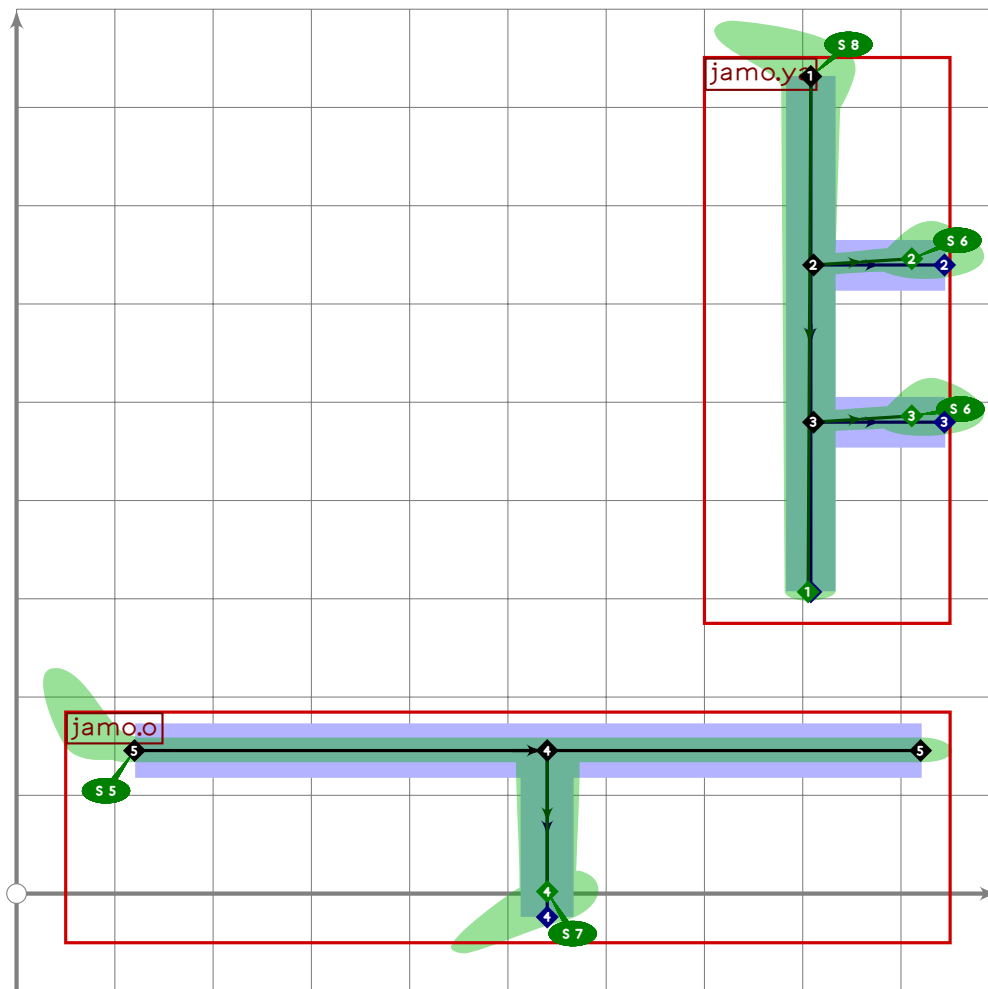
FF2



```

459 % hangul vowel a-eu
460 beginsuglyph("uni11A3.nt",163);
461   hangul.combine.tb(300,318)(whatever,vixf,vox);
462   tsu_render;
463 endsuglyph;
464

```



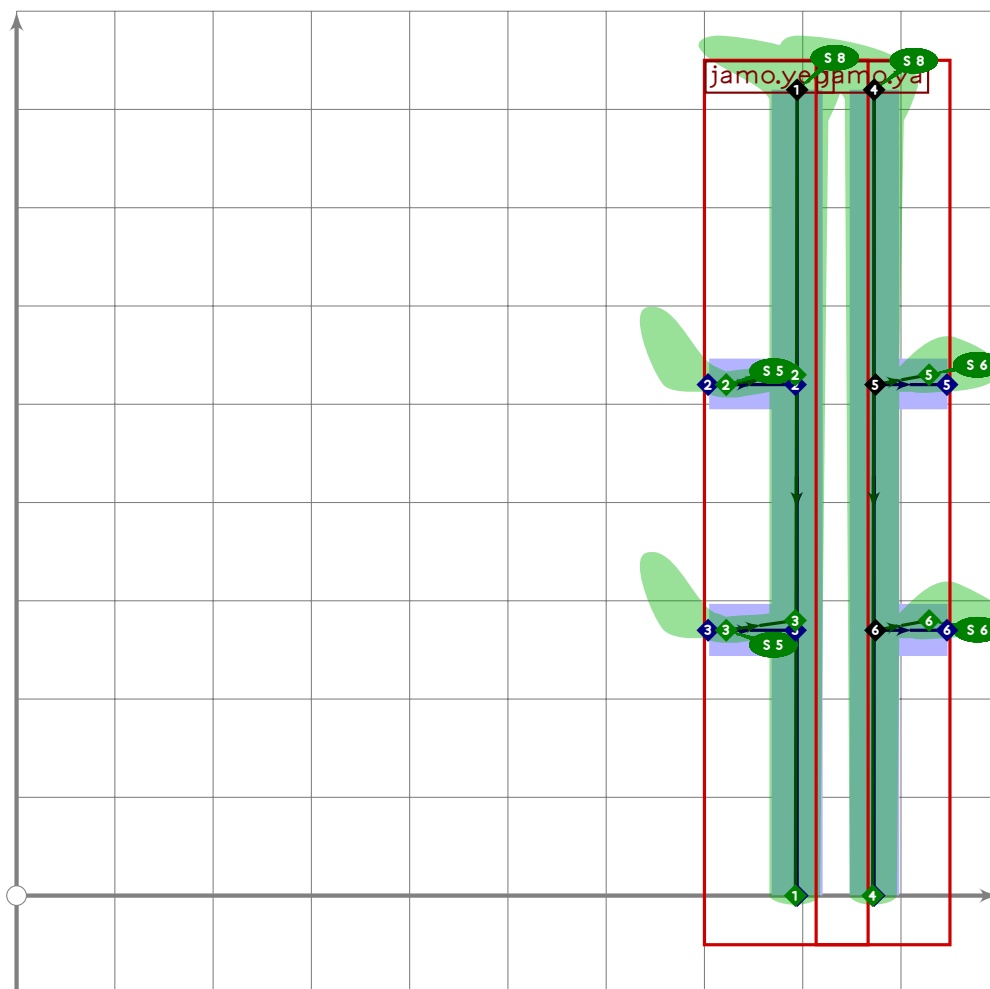
```

465 % hangul vowel ya-u
466 begintsuglyph("uni11A4.nt",164);
467   hangul.combine.tb(302,313)(whatever,vixf,vox);
468   tsu_render;
469 endtsuglyph;
470

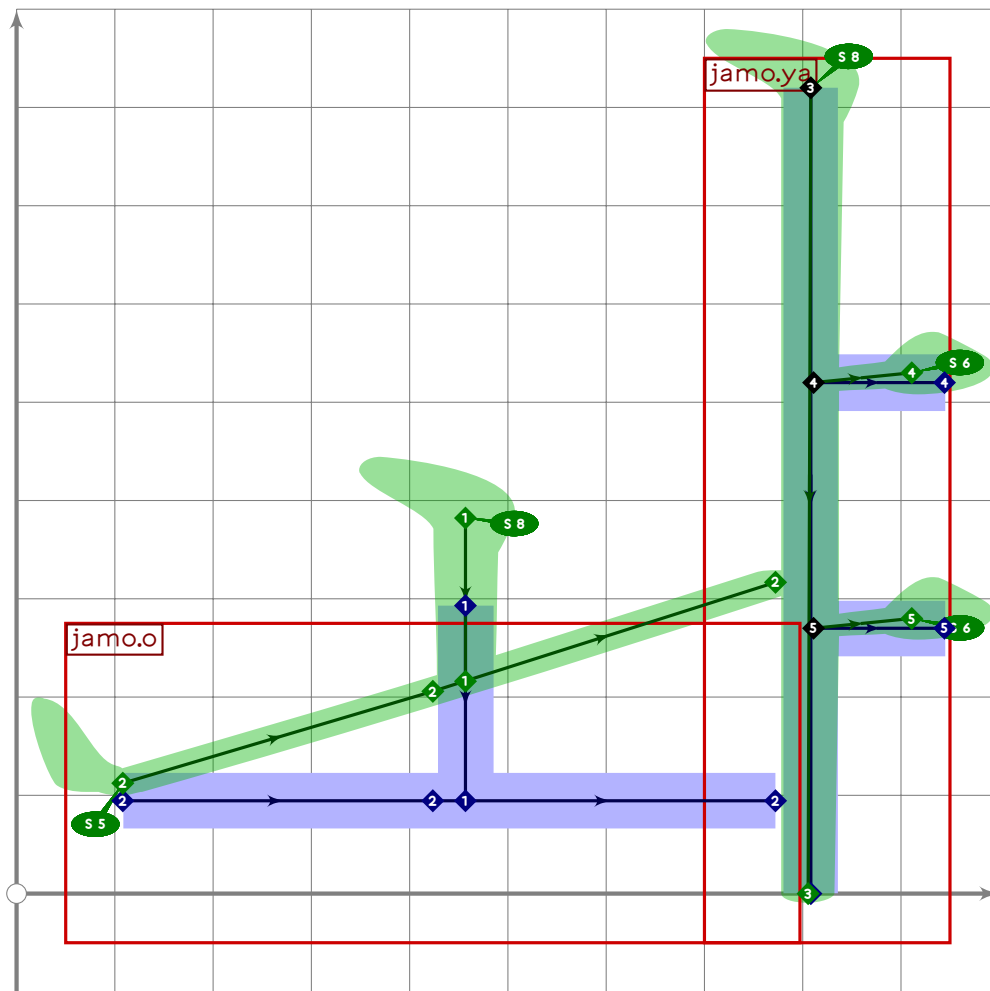
```

U+FF2A5  
jjeub.uni11A5.nt

FF2



```
471 % hangul vowel yeo-ya
472 beginsuglyph("uni11A5.nt";165);
473   hangul.combine.lr(306,302)(whatever,vixf,voxf);
474   tsu_render;
475 endsuglyph;
476
```

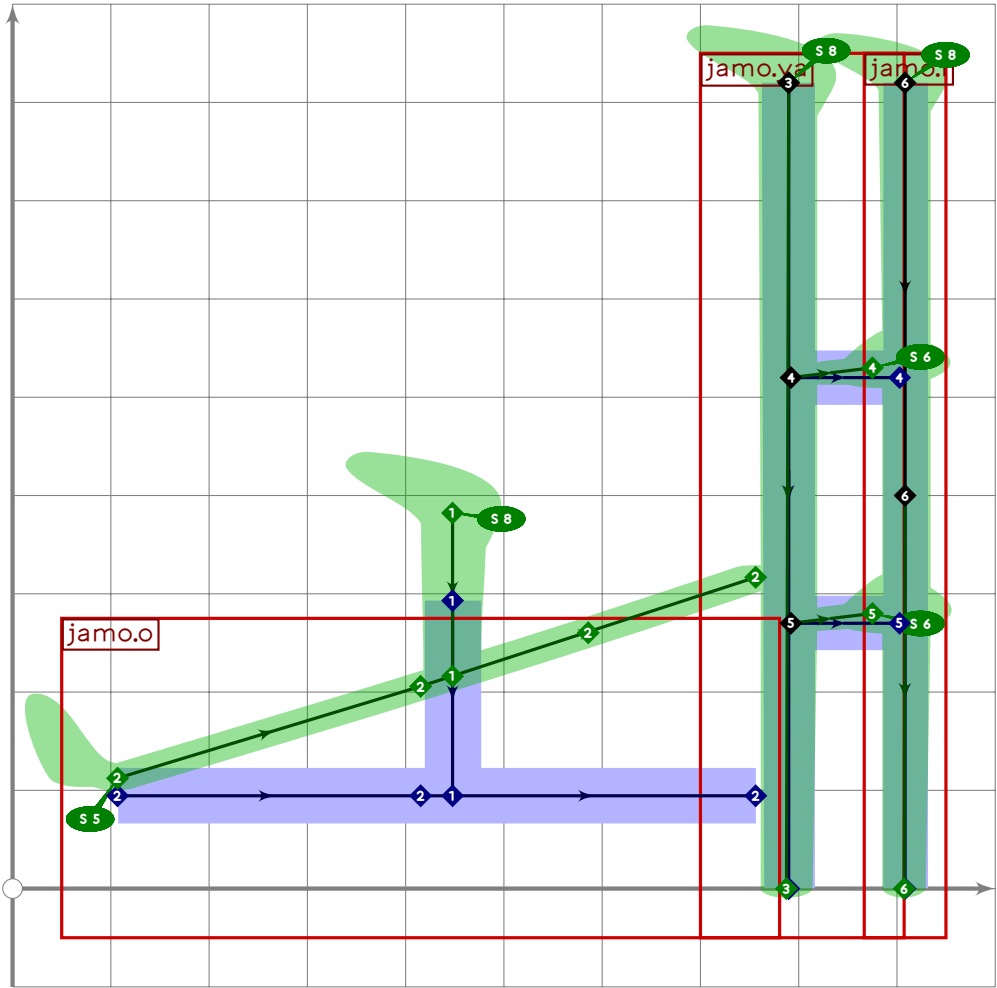


```

477 % hangul vowel o-ya
478 begintsuglyph("uni11A6.nt",166);
479 hangul.combine.lr(308,302)(442,vixf,vox);
480 tsu_render;
481 endtsuglyph;
482

```

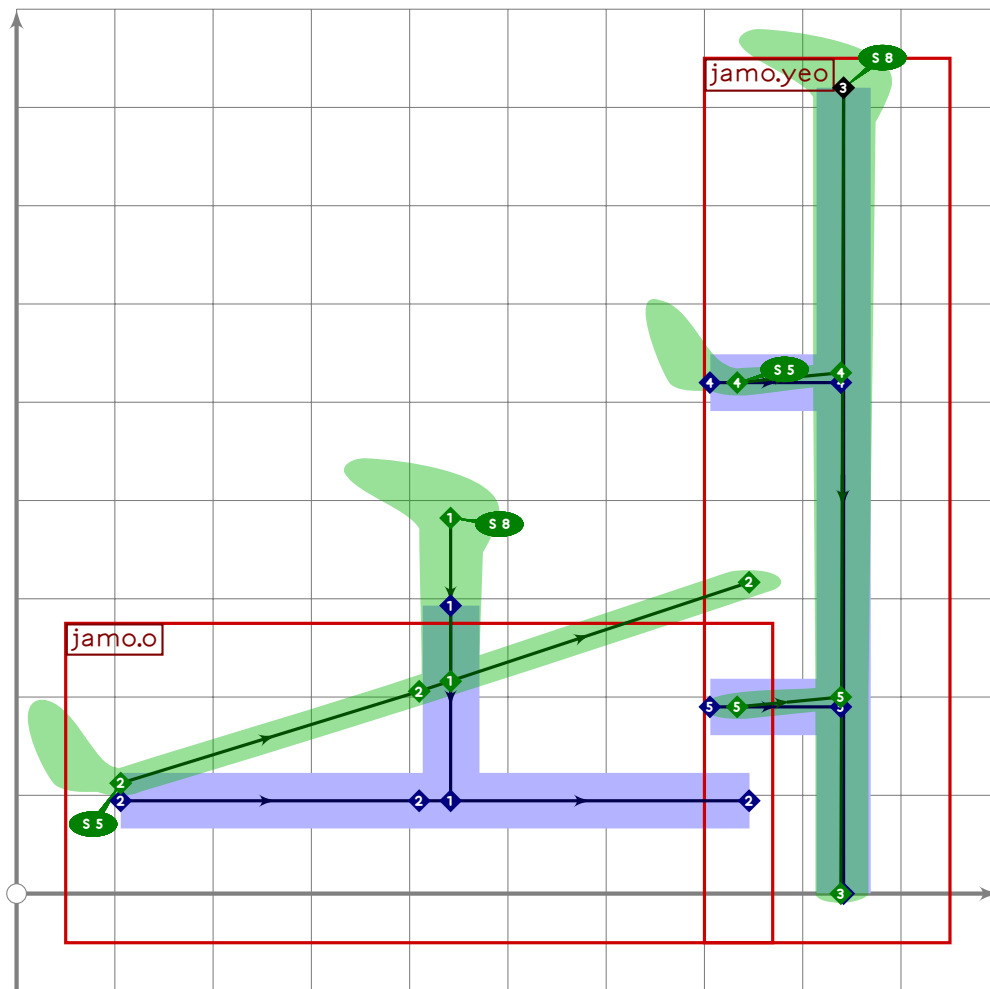
FF2



```
483 % hangul vowel o-yae
484 begintsuglyph("uni11A7.nt";167);
485   hangul.combine.lr(308,303)(443,vixf,vox);
486   tsu_render;
487 endtsuglyph;
488
489
490
```

Hangul Jungseong (Vowel) Jamo Extension B

```
491 % HANGUL JUNGSEONG (VOWEL) JAMO EXTENSION B
492
```



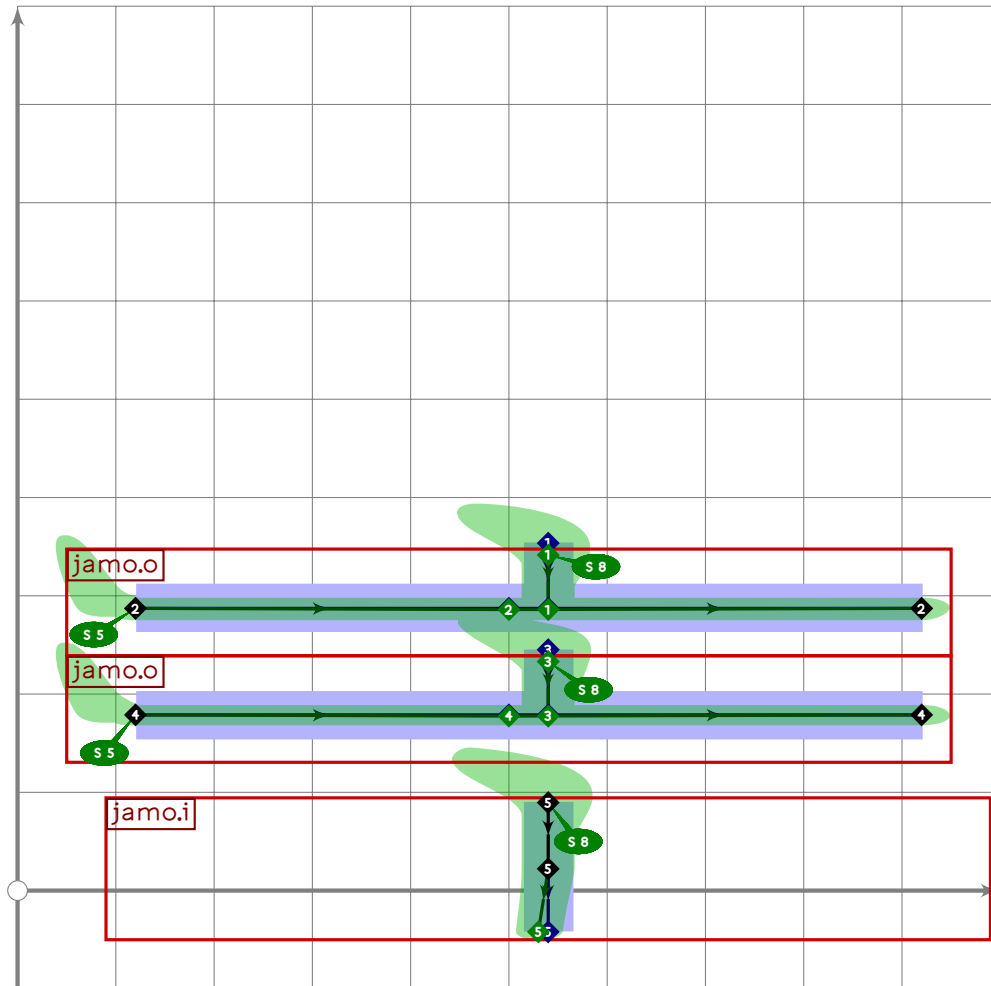
```

493 % hangul vowel o-yeo
494 begintsuglyph("uniD7B0.nt",176);
495   hangul.combine.lr(308,306)(444,vixf,vox f);
496   tsu_render;
497 endtsuglyph;
498

```

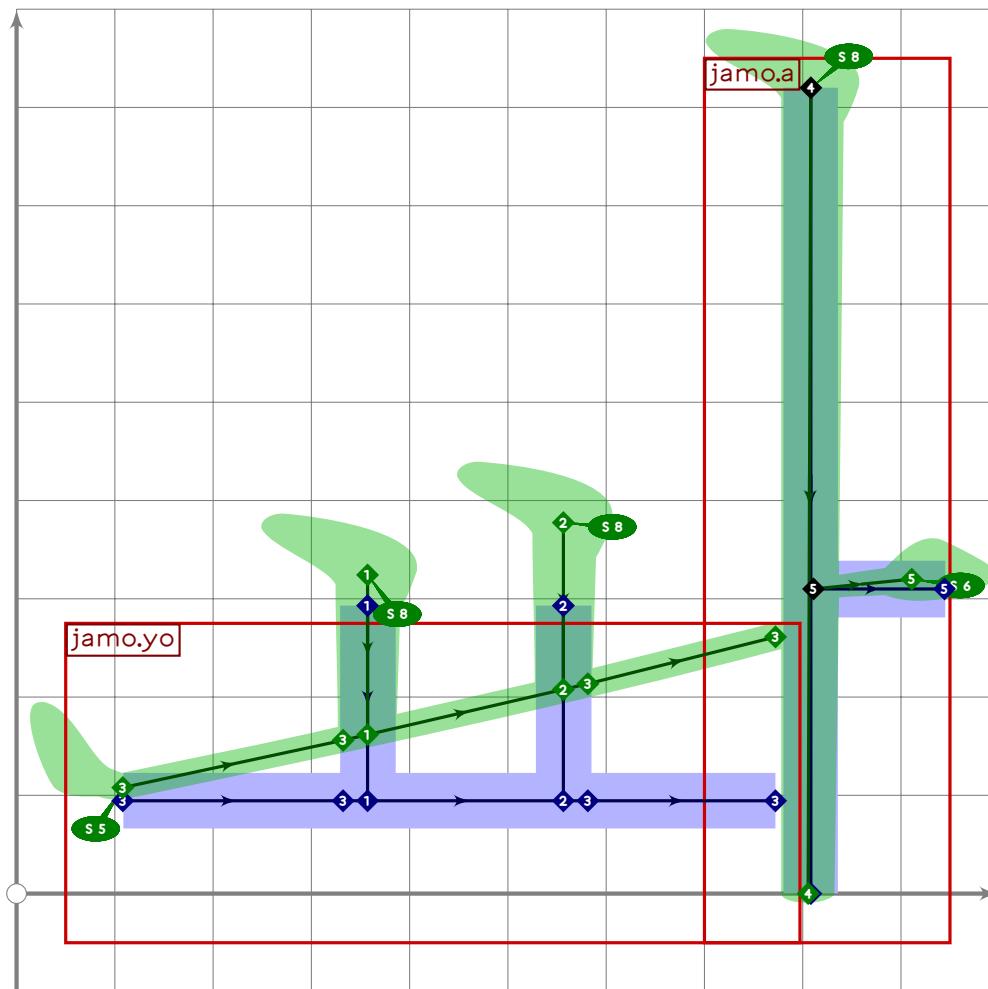
U+FF2B1  
jjeub.uniD7B1.nt

FF2



```
499 % hangul vowel o-o-i
500 beginsuglyph("uniD7B1.nt",177);
501   hangul.jamo.ooi(445,vixf,vox);
502   tsu_render;
503 endsuglyph;
504
```



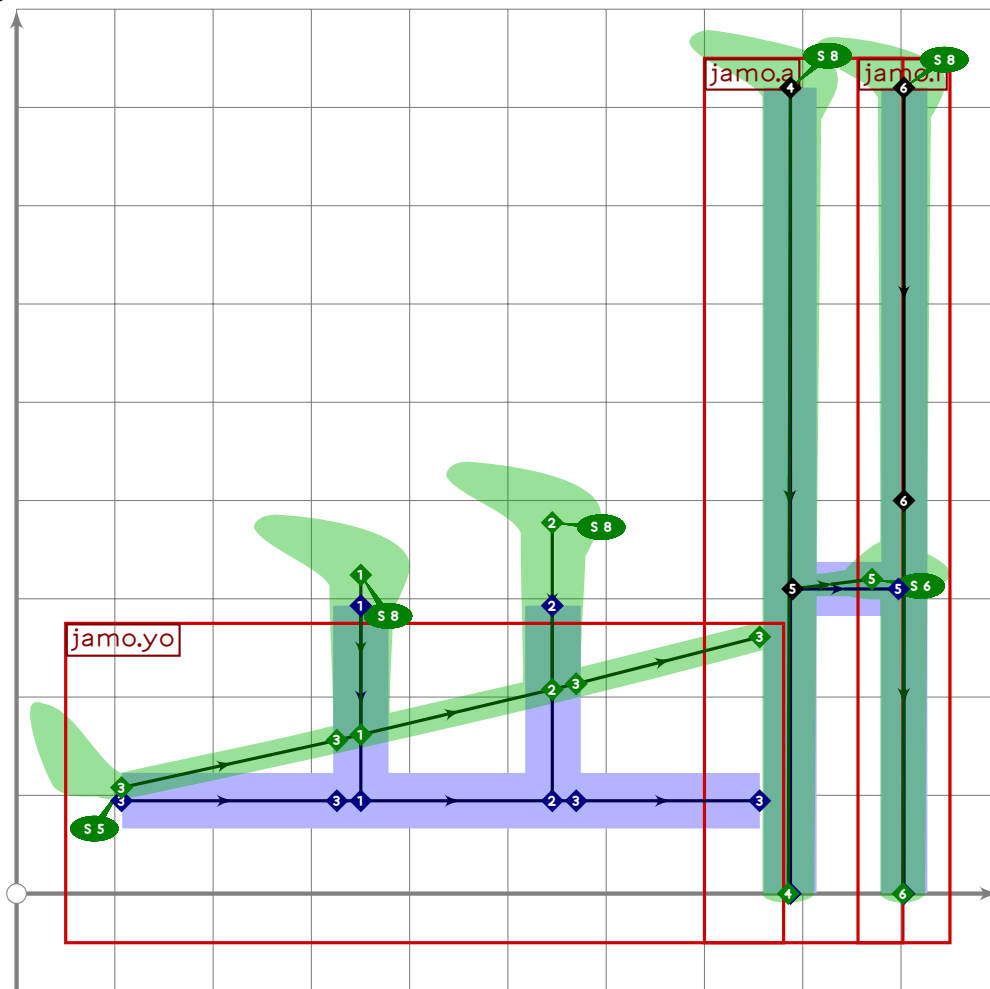


```

505 % hangul vowel yo-a
506 beginsuglyph("uniD7B2.nt",178);
507 hangul.combine.lr(312,300)(446,vixf,voxf);
508 tsu_render;
509 endsuglyph;
510

```

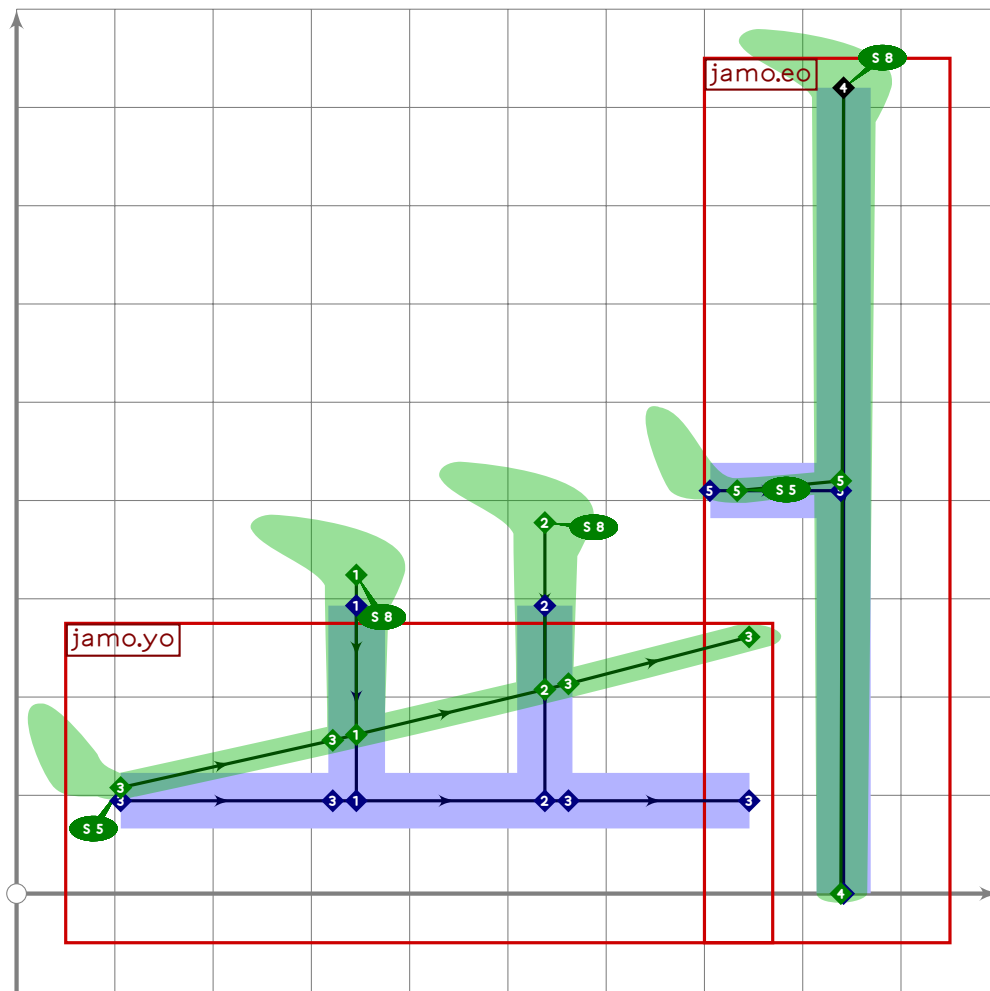
FF2



```

511 % hangul vowel yo-ae
512 beginsuglyph("uniD7B3.nt",179);
513   hangul.combine.lr(312,301)(447,vixf,vox);
514   tsu_render;
515 endsuglyph;
516

```



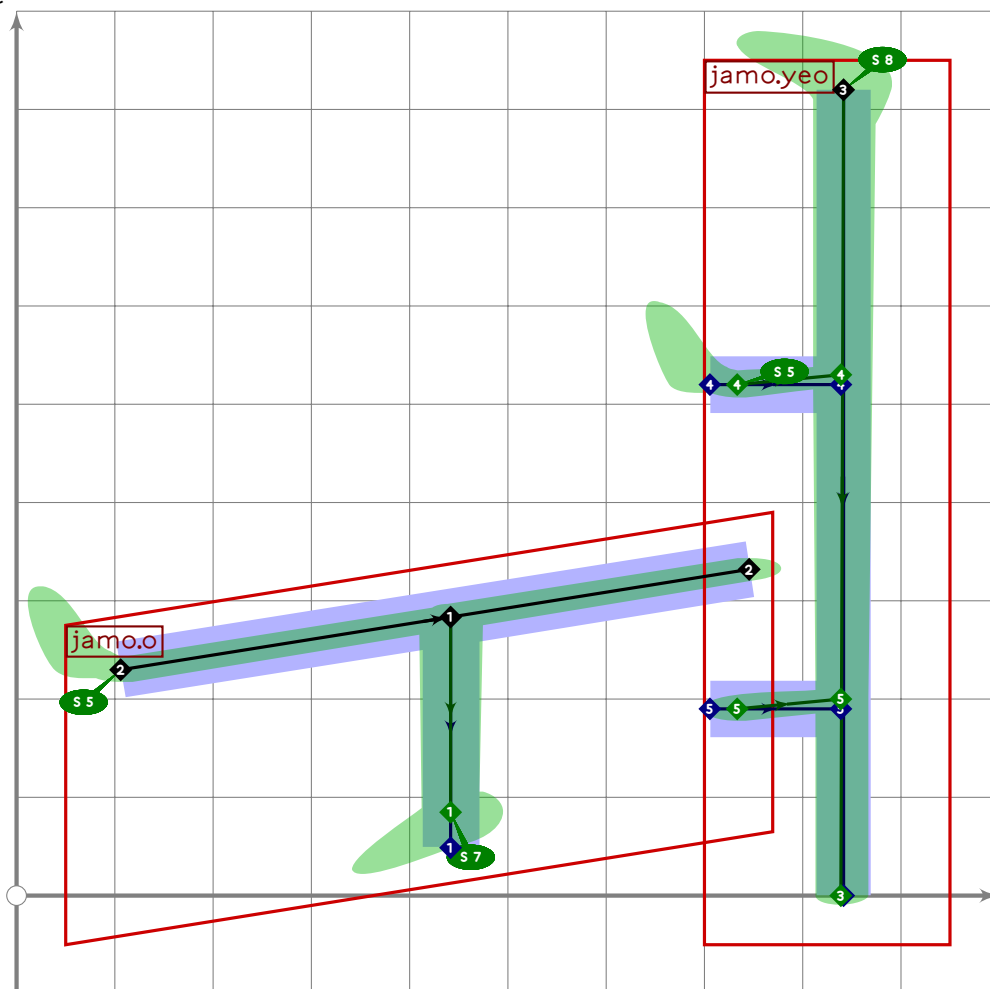
```

517 % hangul vowel yo-eo
518 begintsuglyph("uniD7B4.nt",180);
519 hangul.combine.lr(312,304)(448,vixf,vox);
520 tsu_render;
521 endtsuglyph;
522

```

U+FF2B5  
jjeub.uniD7B5.nt

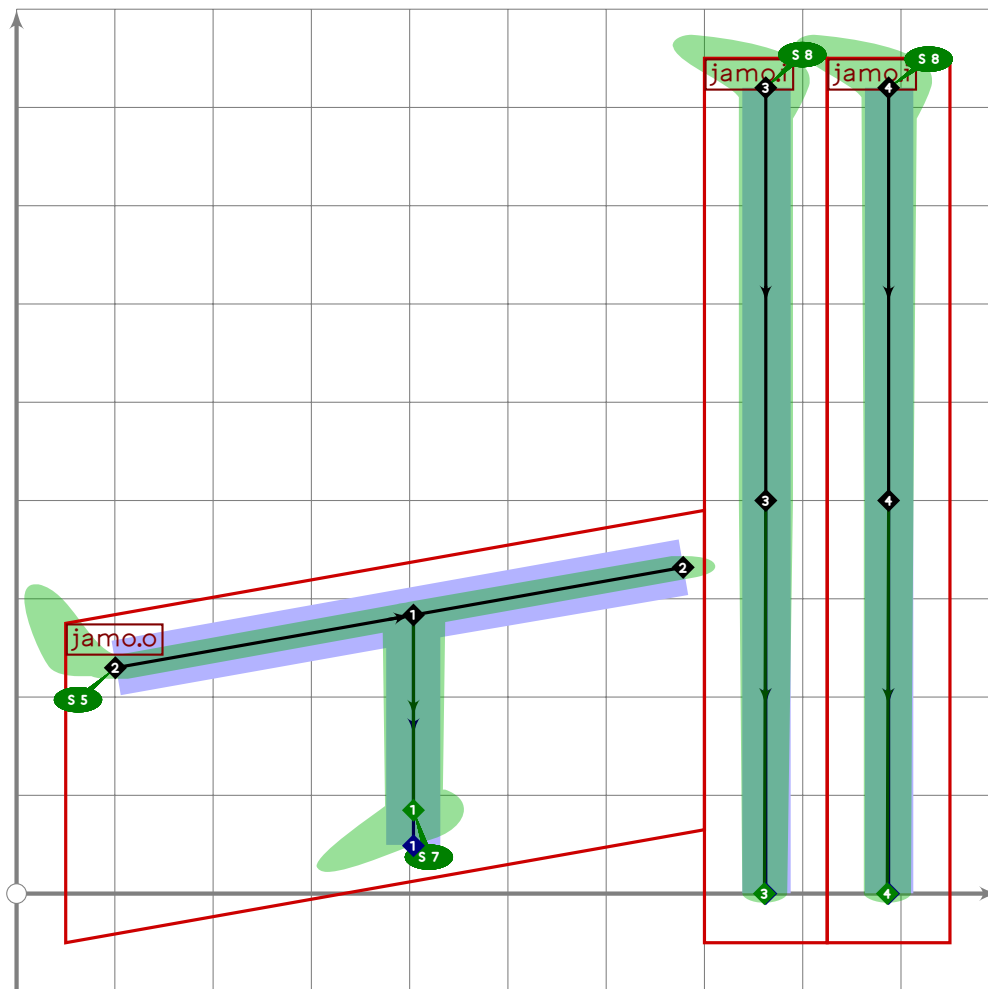
FF2



```

523 % hangul vowel u-yeo
524 beginsuglyph("uniD7B5.nt",181);
525   hangul.combine.lr(313,306)(449,vixf,vox);
526   tsu_render;
527 endsuglyph;
528

```



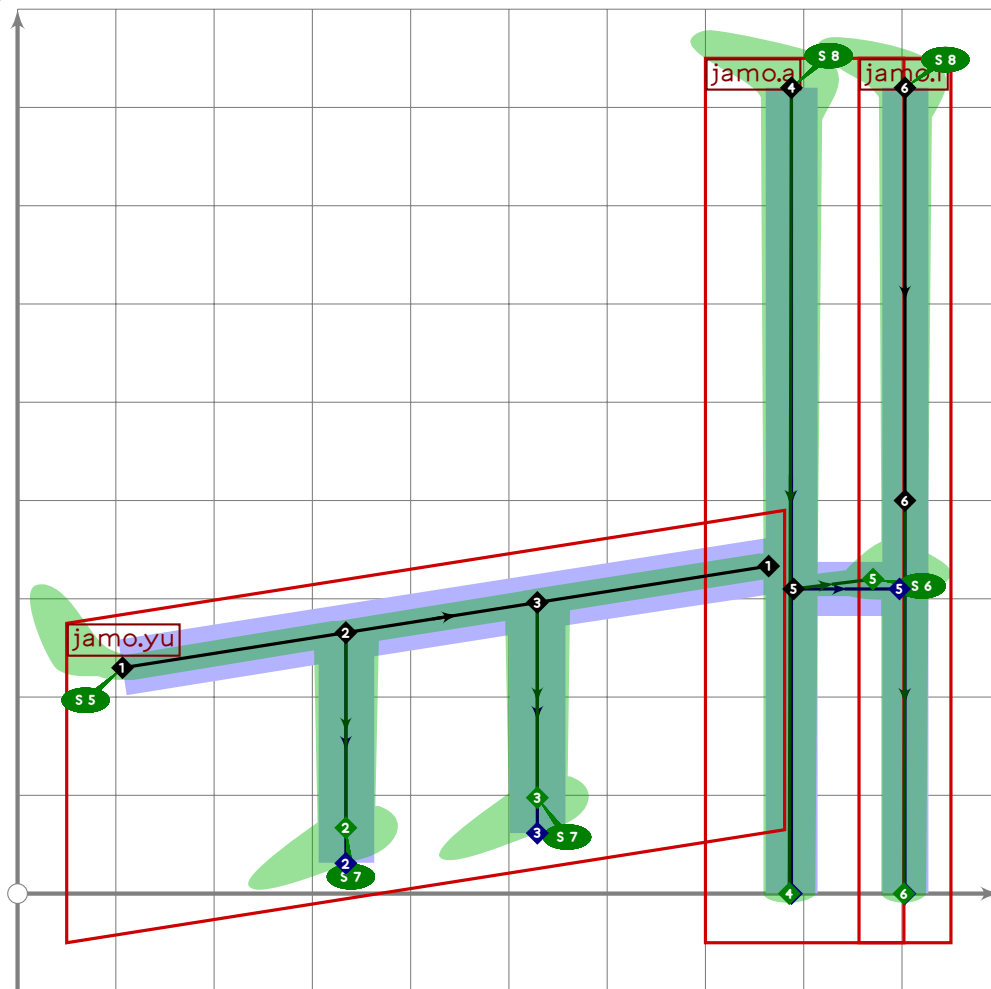
```

529 % hangul vowel u-i-i
530 begint Suglyph("uniD7B6.nt",182);
531   hangul.combine.lr(313,464)(450,vixf,vox f);
532   tsu_render;
533 endtsuglyph;
534

```

U+FF2B7  
jjeub.uniD7B7.nt

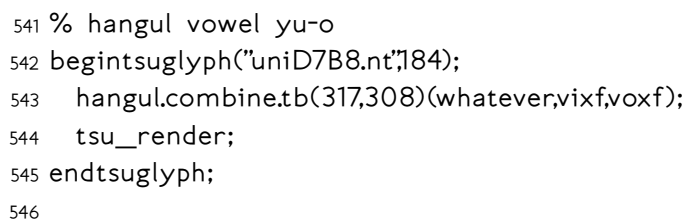
FF2



```

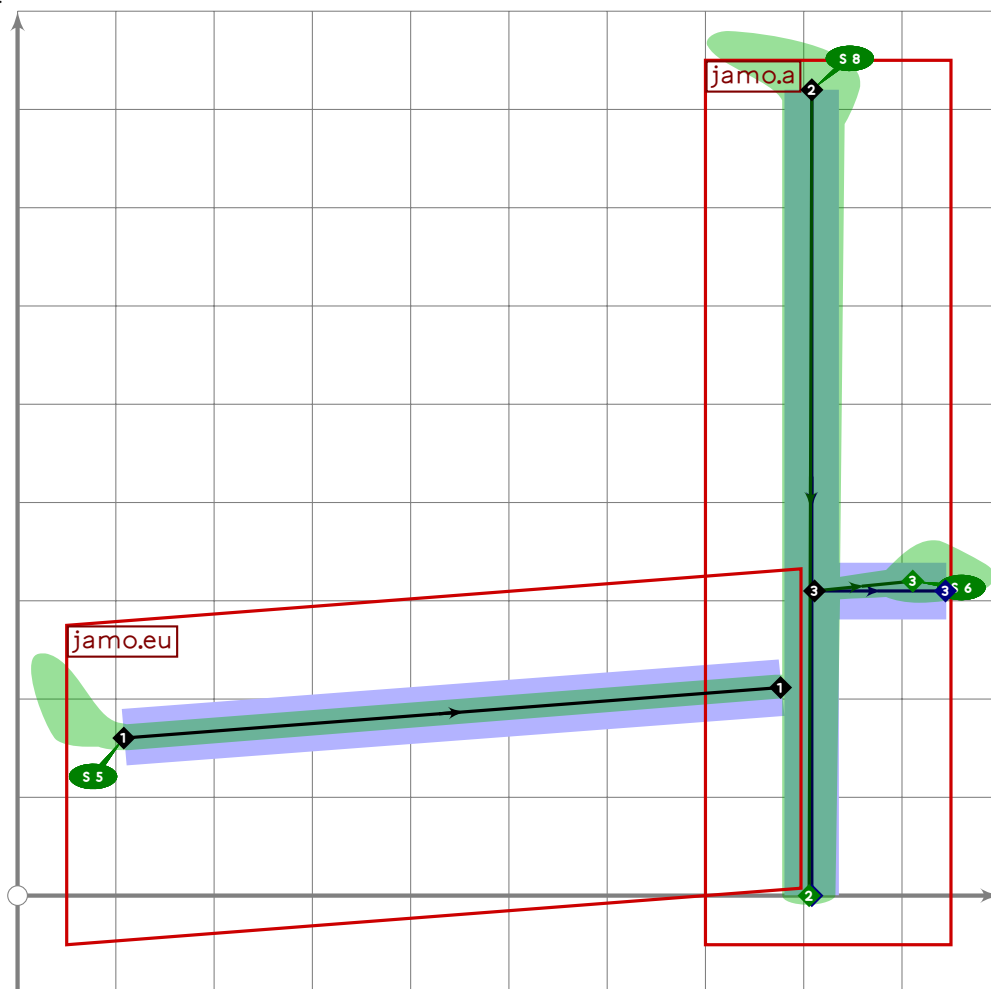
535 % hangul vowel yu-ae
536 begintsuglyph("uniD7B7.nt",183);
537   hangul.combine.lr(317,301)(451,vixf,voxf);
538   tsu_render;
539 endtsuglyph;
540

```



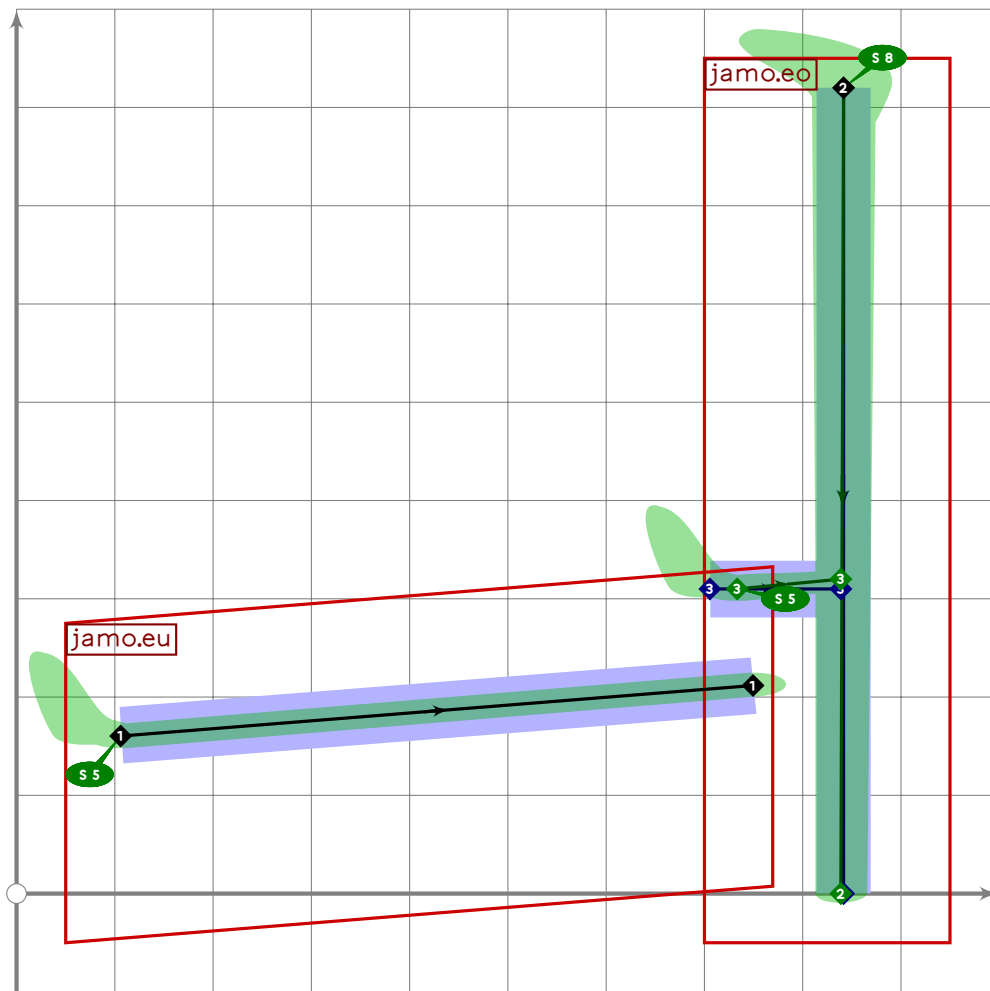
U+FF2B9  
jieub.uniD7B9.nt

FF2



```
547 % hangul vowel eu-a
548 beginsuglyph("uniD7B9.nt",185);
549 hangul.combine.lr(318,300)(453,vixf,voxhf);
550 tsu_render;
551 endtsuglyph;
552
```





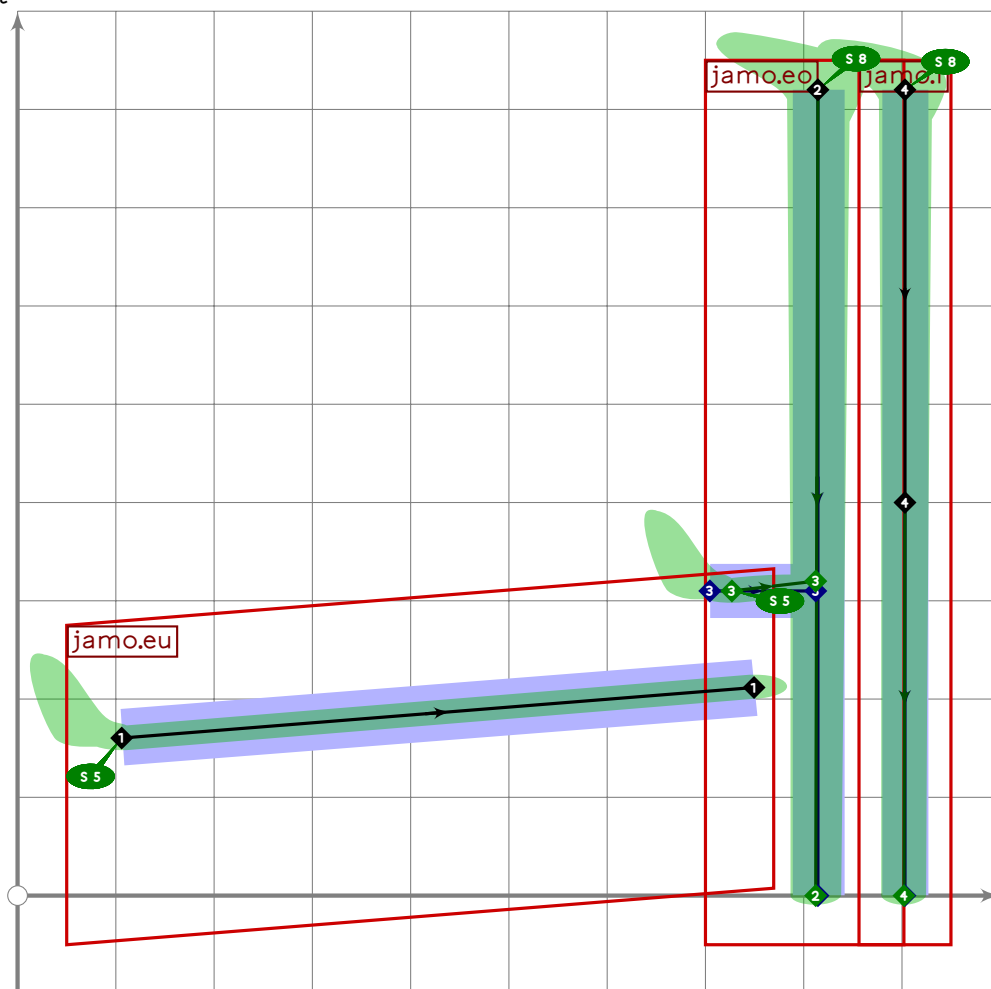
```

553 % hangul vowel eu-eo
554 beginsuglyph("uniD7BA.nt",186);
555 hangul.combine.lr(318,304)(454,vixf,vox);
556 tsu_render;
557 endsuglyph;
558

```

U+FF2BB  
jjeub.uniD7BB.nt

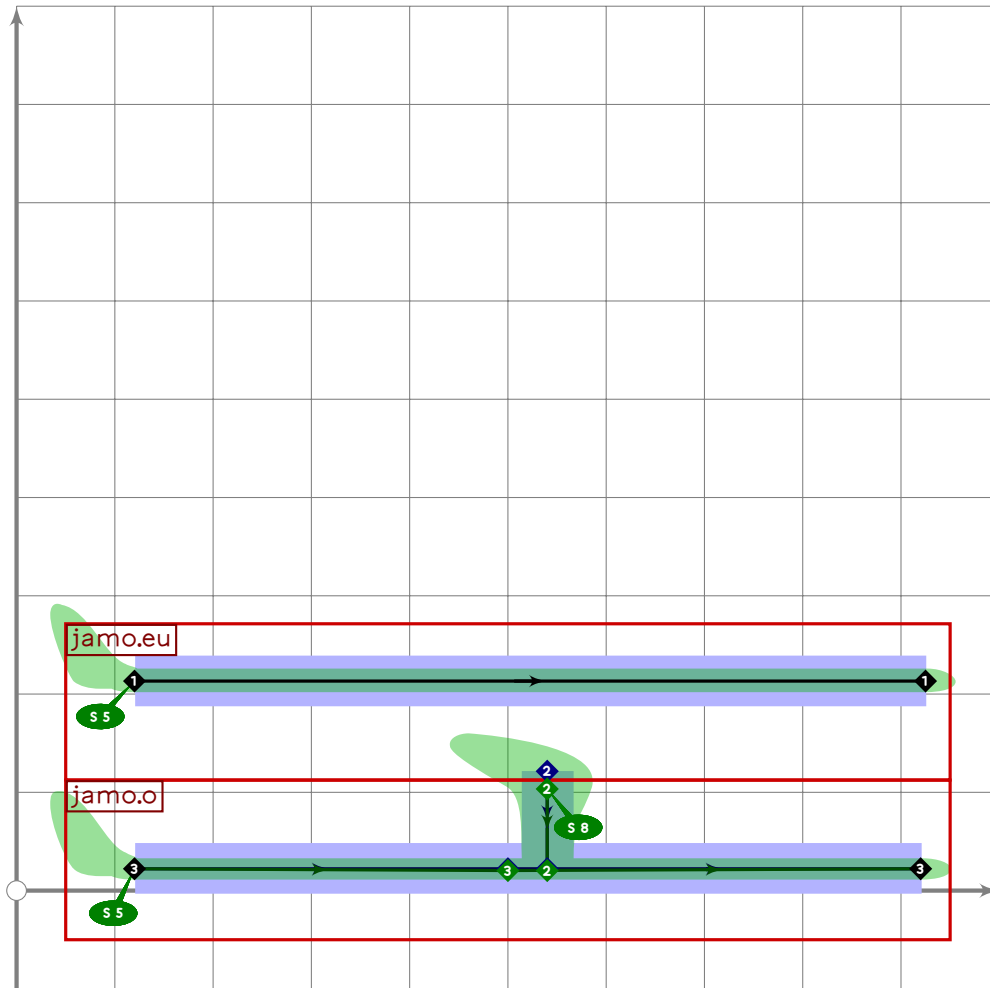
FF2



```

559 % hangul vowel eu-e
560 beginsuglyph("uniD7BB.nt",187);
561   hangul.combine.lr(318,305)(455,vixf,voxhf);
562   tsu_render;
563 endtsuglyph;
564

```



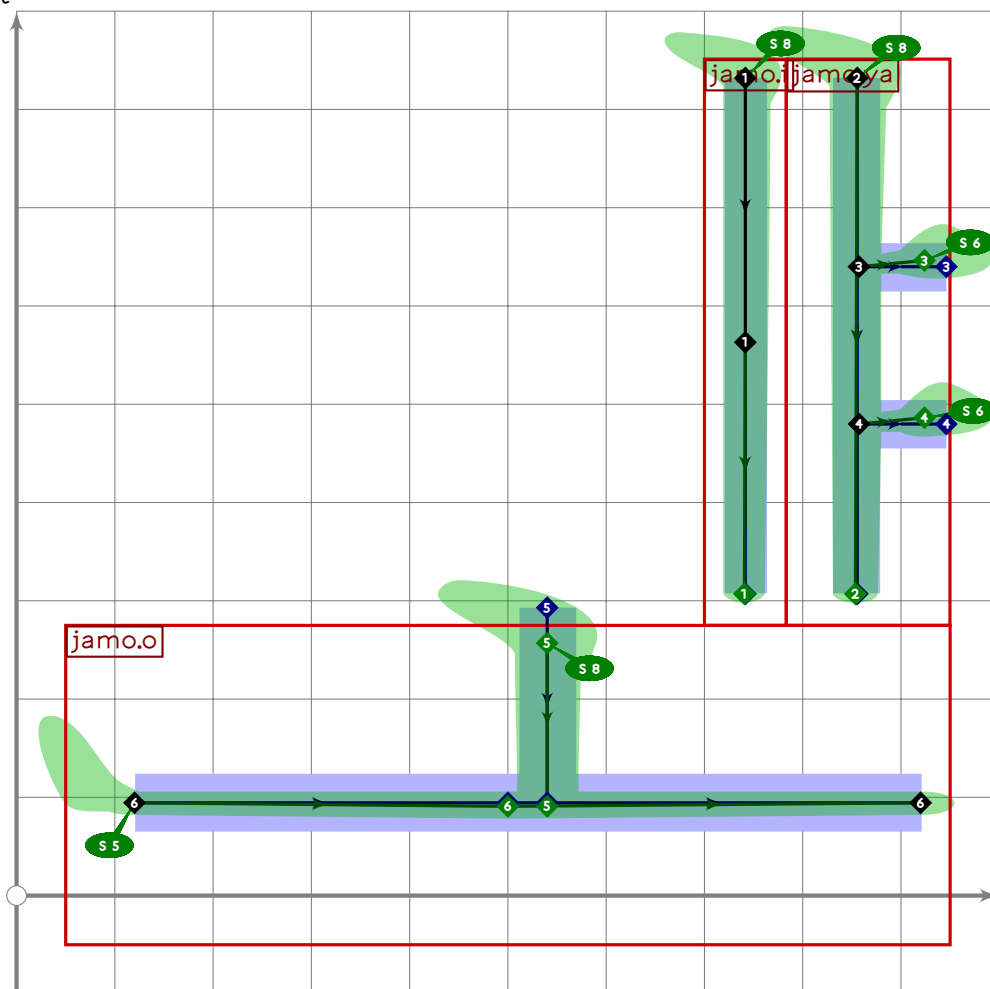
```

565 % hangul vowel eu-o
566 beginsuglyph("uniD7BC.nt",188);
567 hangul.combine.tb(318,308)(whatever,vixf,vox);
568 tsu_render;
569 endsuglyph;
570

```

U+FF2BD  
jjeub.uniD7BD.nt

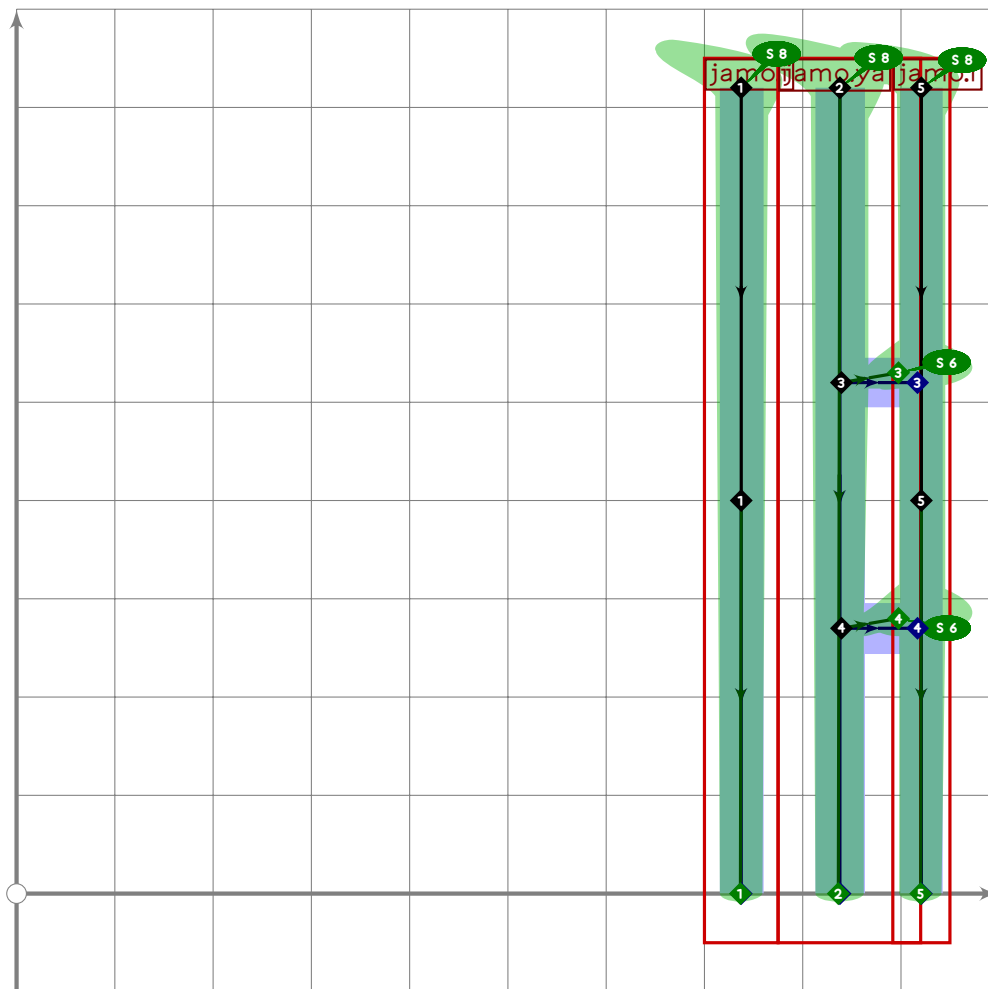
FF2



```

571 % hangul vowel i-ya-o
572 beginsuglyph("uniD7BD.nt",189);
573   hangul.combine.tb(467,308)(457,vixf,voxf);
574   tsu_render;
575 endtsuglyph;
576

```



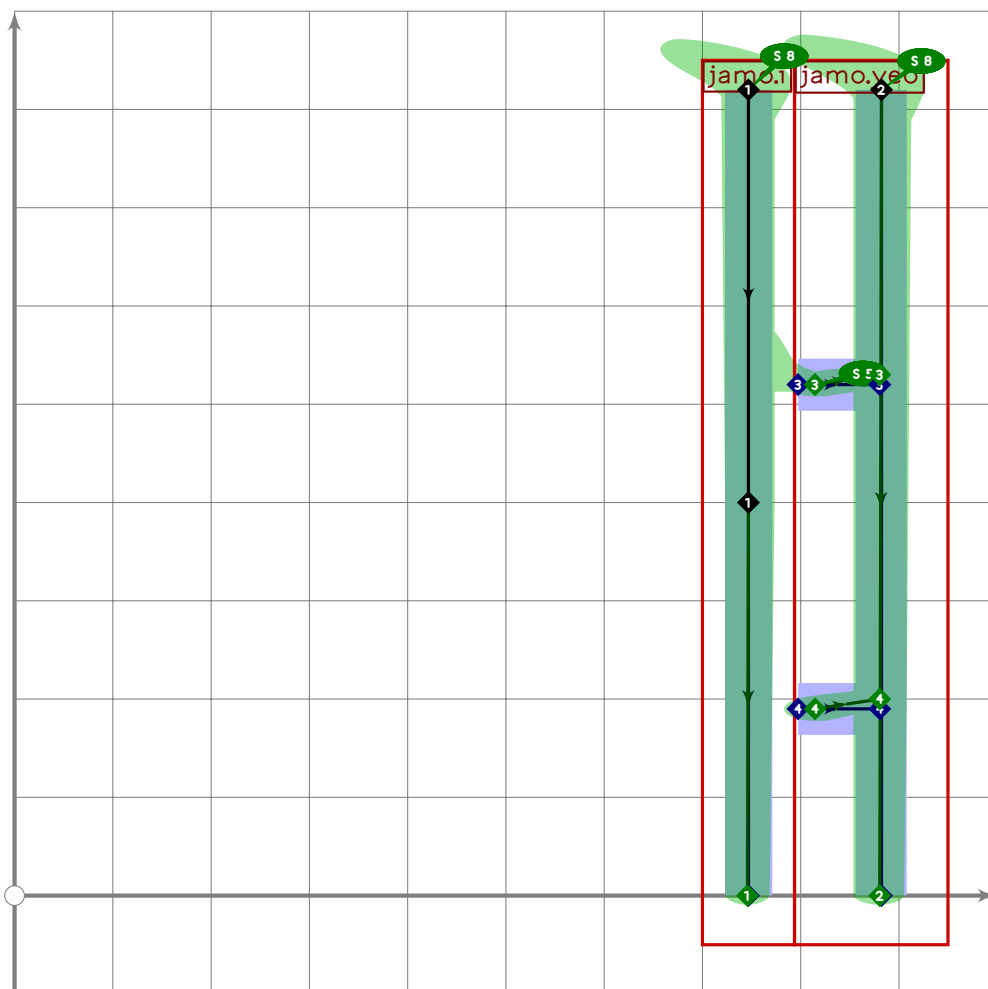
```

577 % hangul vowel i-yae
578 begintsuglyph("uniD7BE.nt",190);
579   hangul.combine.lr(320,303)(458,vixf,vox);
580   tsu_render;
581 endtsuglyph;
582

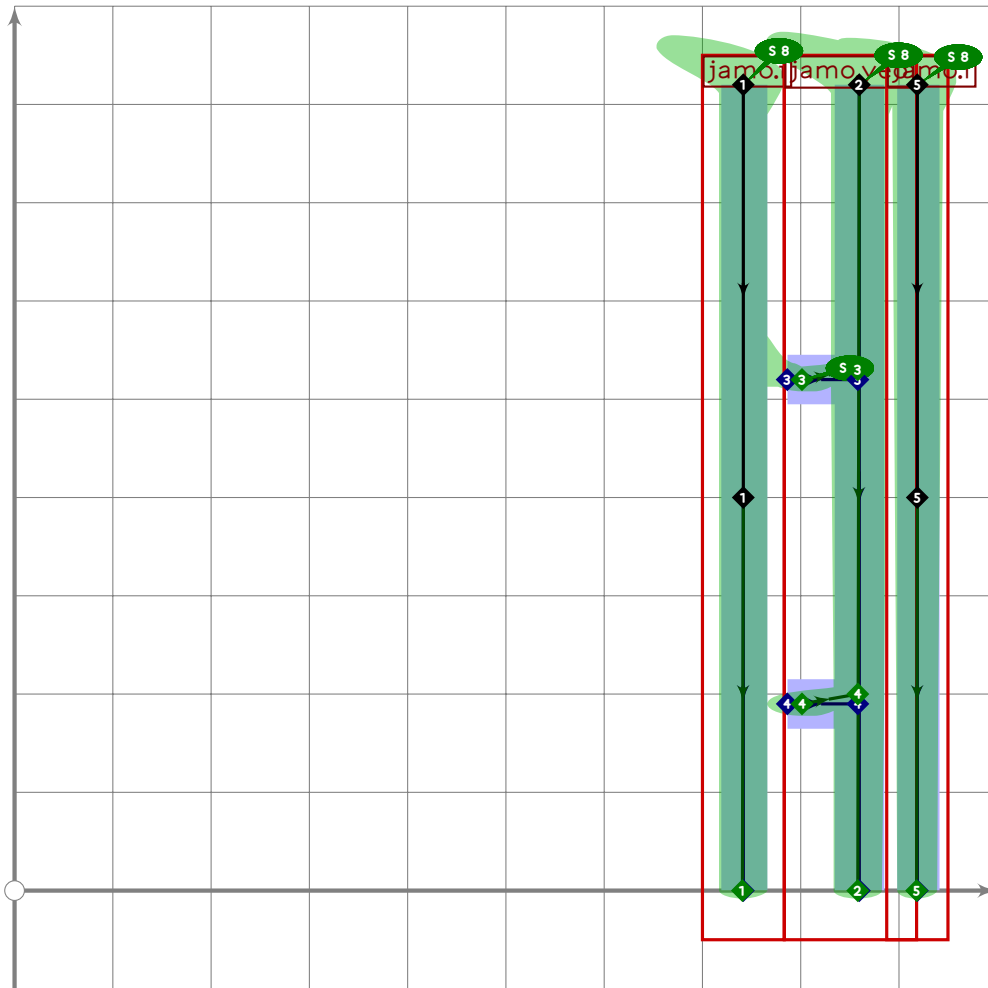
```

U+FF2BF  
jieub.uniD7BF. nt

FF2



```
583 % hangul vowel i-yeo
584 beginsuglyph("uniD7BF. nt",191);
585   hangul.combine.lr(320,306)(459,vixf,vox f);
586   tsu_ render;
587 endsuglyph;
588
```



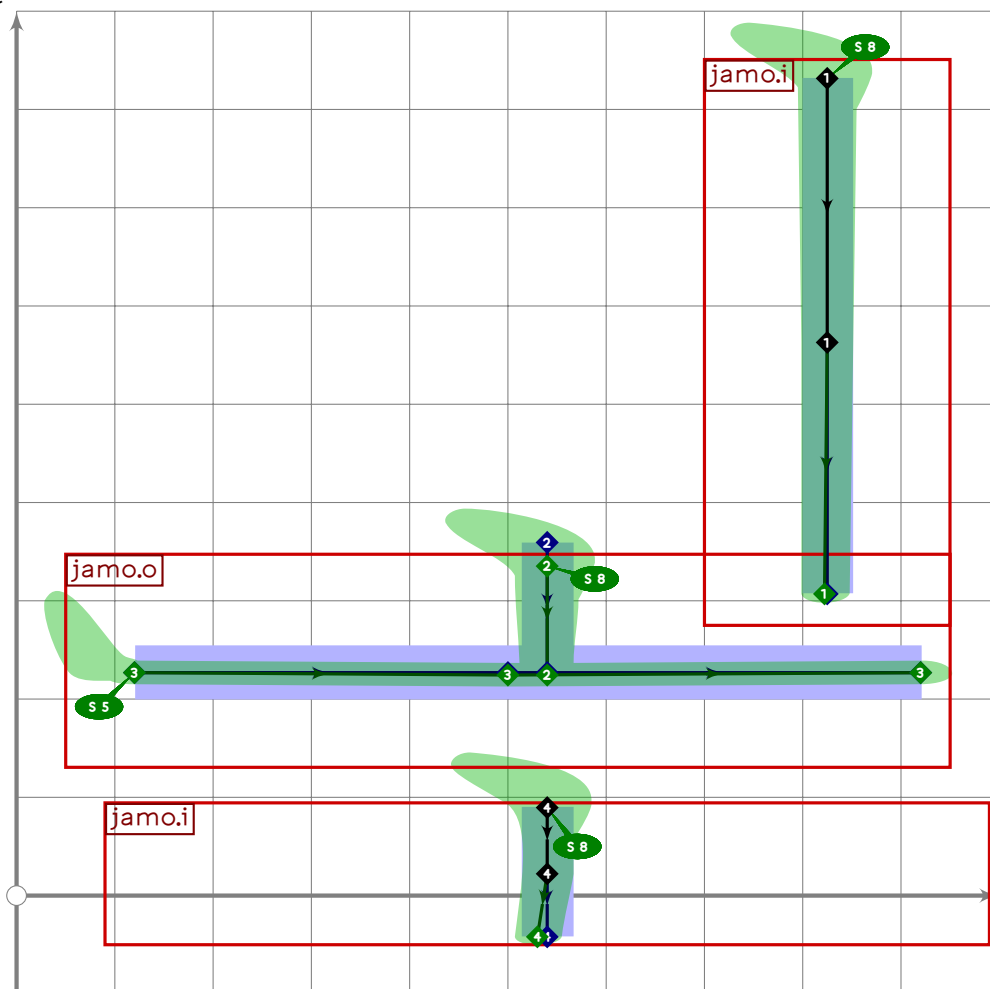
```

589 % hangul vowel i-ye
590 begint Suglyph("uniD7C0.nt",192);
591   hangul.combine.lr(320,307)(460,vixf,voxf);
592   tsu_render;
593 endtsuglyph;
594

```

U+FF2C1  
jjeub.uniD7C1.nt

FF2

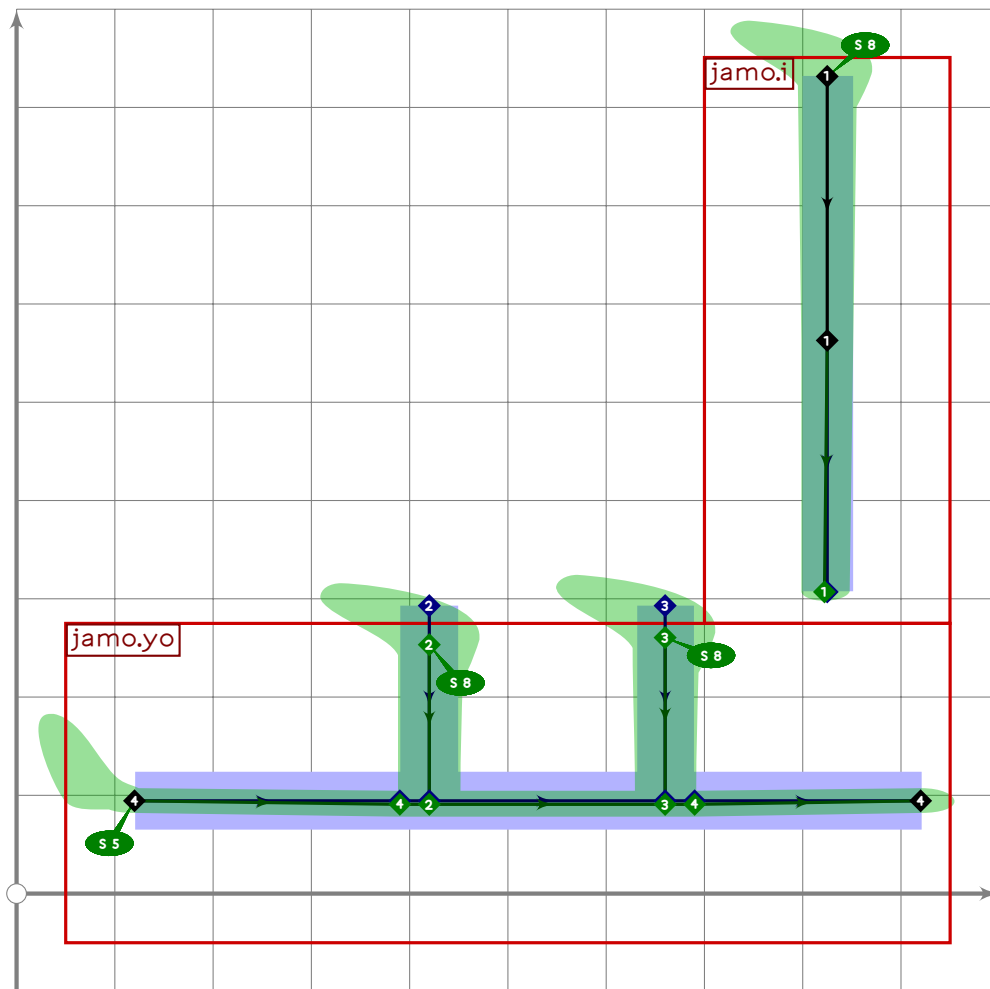


```

595 % hangul vowel i-o-i
596 beginsuglyph("uniD7C1.nt";193);
597 hangul.combine.tb(320,468)(461,vixf,voxf);
598 tsu_render;
599 endtsuglyph;
600

```





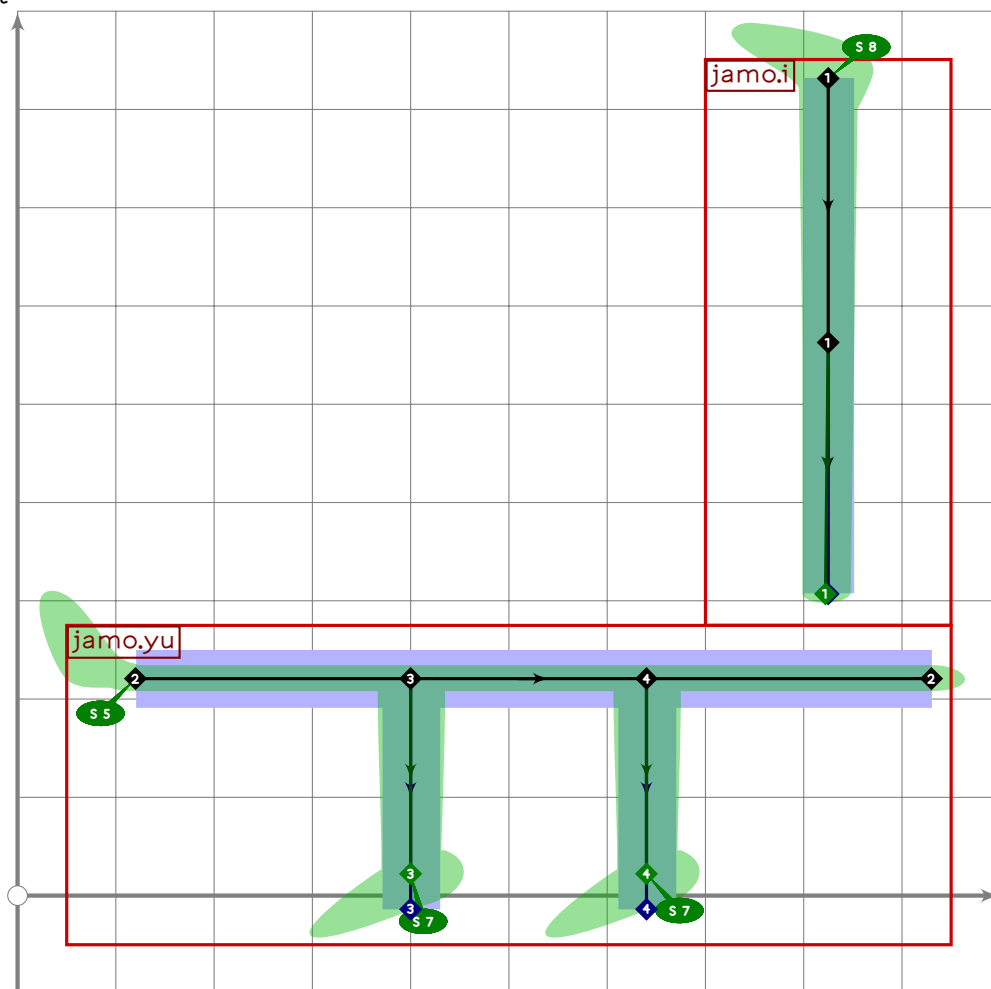
```

601 % hangul vowel i-yo
602 begintsuglyph("uniD7C2.nt",194);
603 hangul.combine.tb(320,312)(462,vixf,vox);
604 tsu_render;
605 endtsuglyph;
606

```

U+FF2C3  
jjeub.uniD7C3.nt

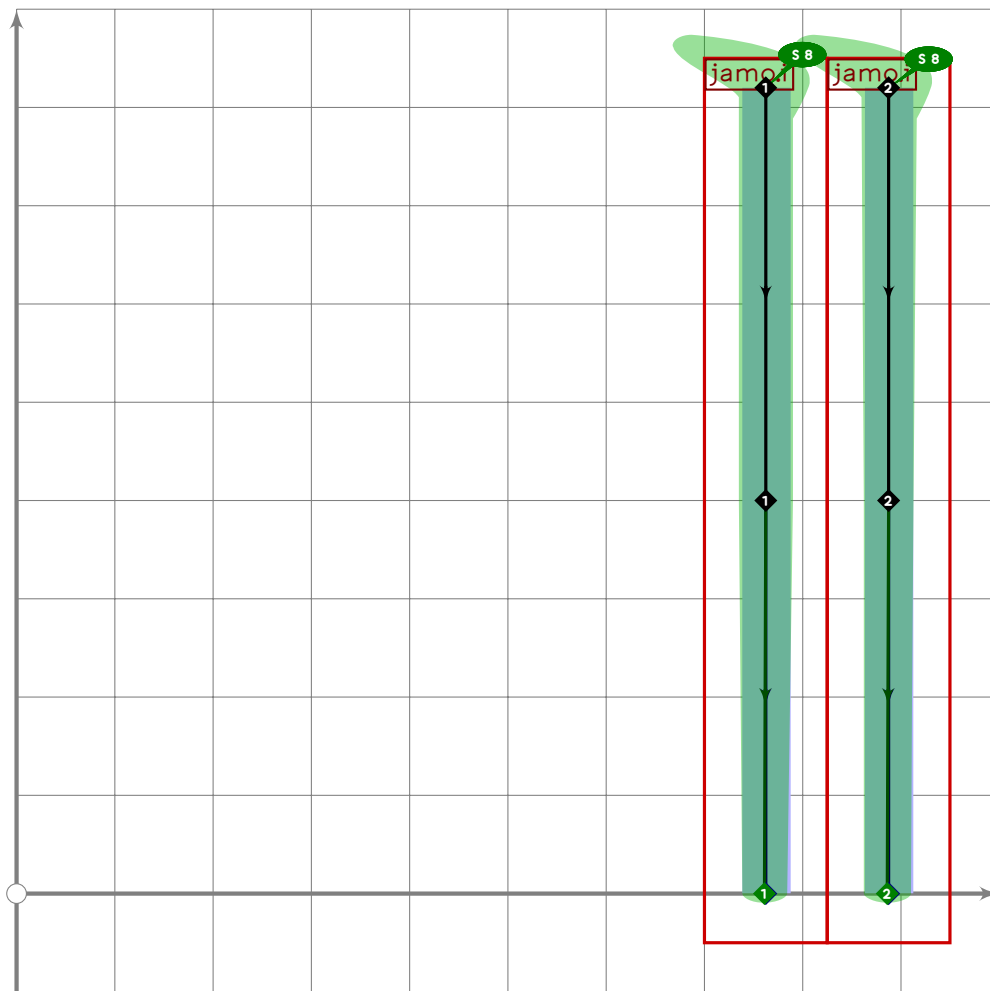
FF2



```

607 % hangul vowel i-yu
608 beginsuglyph("uniD7C3.nt",195);
609 hangul.combine.tb(320,317)(463,vixf,voxf);
610 tsu_render;
611 endsuglyph;
612

```



FF2

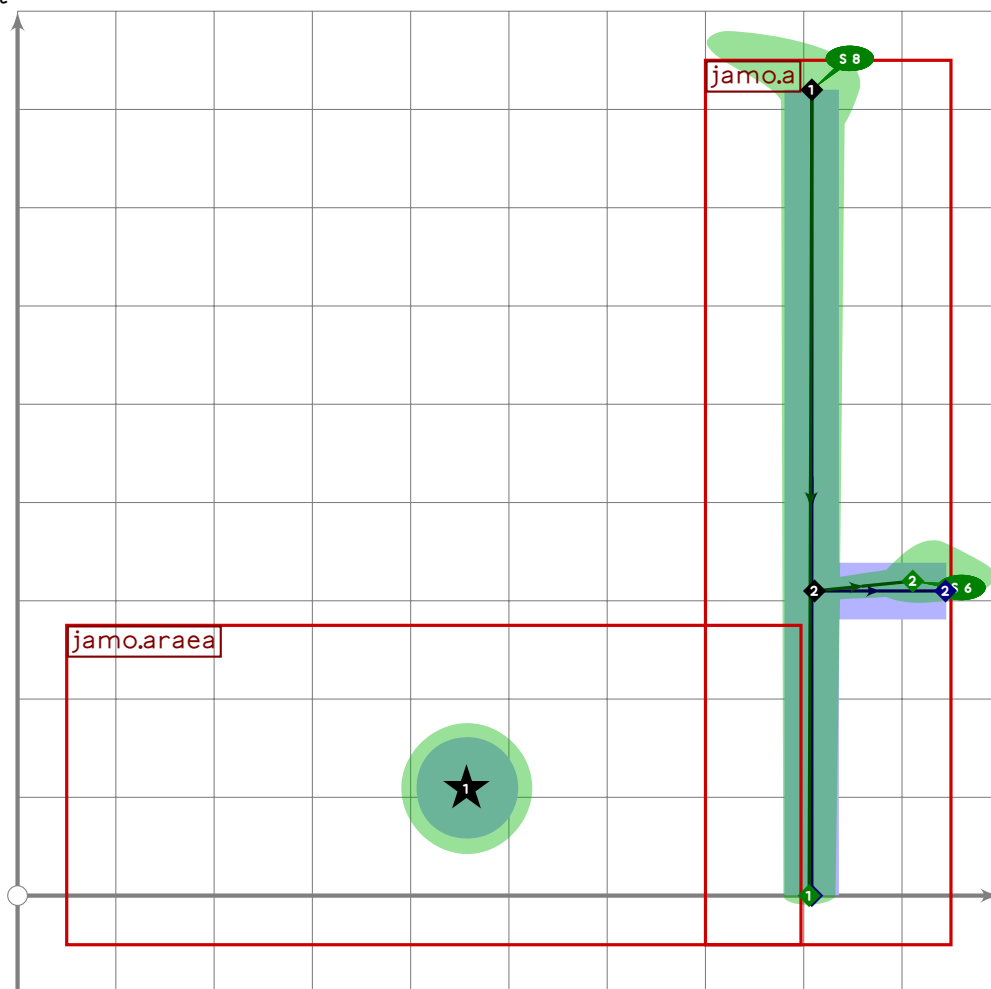
```

613 % hangul vowel i-i
614 begintsuglyph("uniD7C4.nt",196);
615   hangul.combine.lr(320,320)(464,vixf,vox);
616   tsu_render;
617 endtsuglyph;
618

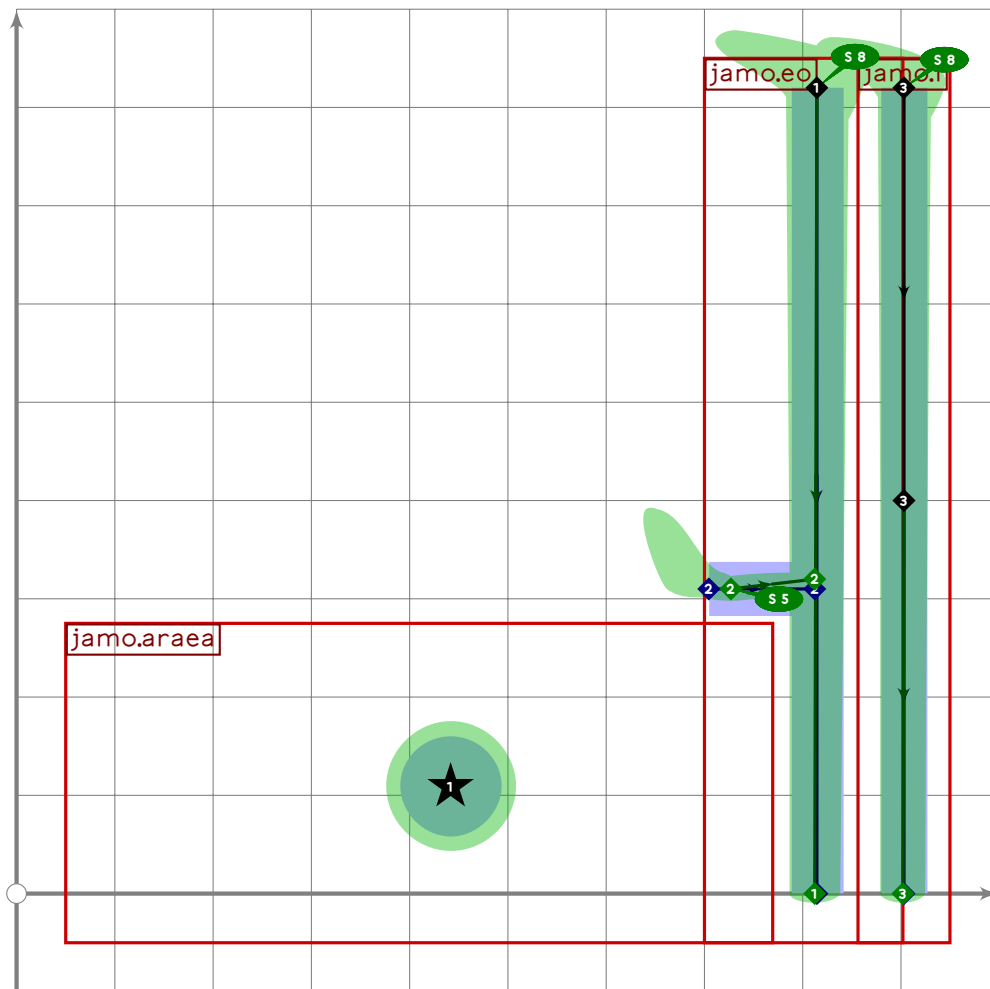
```

U+FF2C5  
jjeub.uniD7C5.nt

FF2



```
619 % hangul vowel araea-a
620 beginsuglyph("uniD7C5.nt";197);
621   hangul.combine.lr(428,300)(465,vixf,vox);
622   tsu_render;
623 endsuglyph;
624
```



```

625 % hangul vowel araea-e
626 begint Suglyph("uniD7C6.nt",198);
627   hangul.combine.lr(428,305)(466,vixf,vox f);
628   tsu_render;
629 endtsuglyph;
630
631
632
633 endfont;
634
635

```

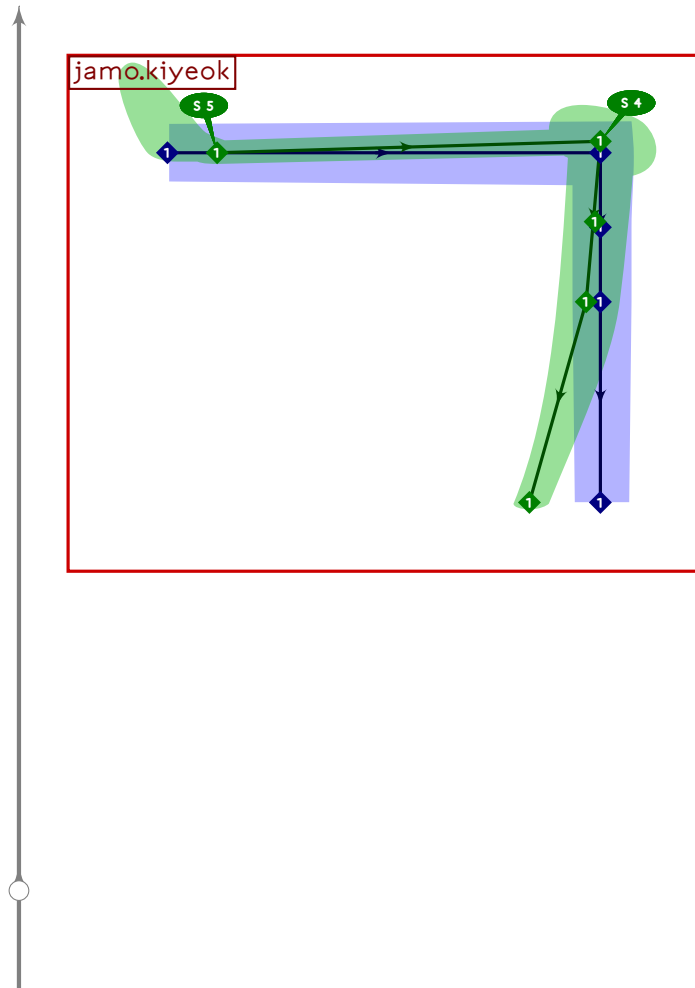
# jieub-ff3.mp

FF3

```
1 %
2 % Unicode page FF3 (alternate lead jamo) for Jieubsida
3 % Copyright (C) 2011, 2012 Matthew Skala
4 %
5-29 [Standard copyright notice]
30
31 _____
32
33 beginfont
34
35 % AUTODEPS
36 input hangul.mp;
37 input jamo-basic.mp;
38 input jamo-extra.mp;
39
40 do_late_includes;
41
42 _____
43
44 % This file contains leads for layouts 1 and 3: vertical vowel and nonempty
45 % tail, or vertical and horizontal vowel with empty tail.
46
47 transform lixf,loxf;
48
49 lixf=loxf=hxf((50,850),(700,325));
50
51 _____
52
```

## Hangul Choseong (Lead) Jamo

```
53 % HANGUL CHOSEONG (LEAD) JAMO
54
55 tsu_rescale_native_zero;
56
```

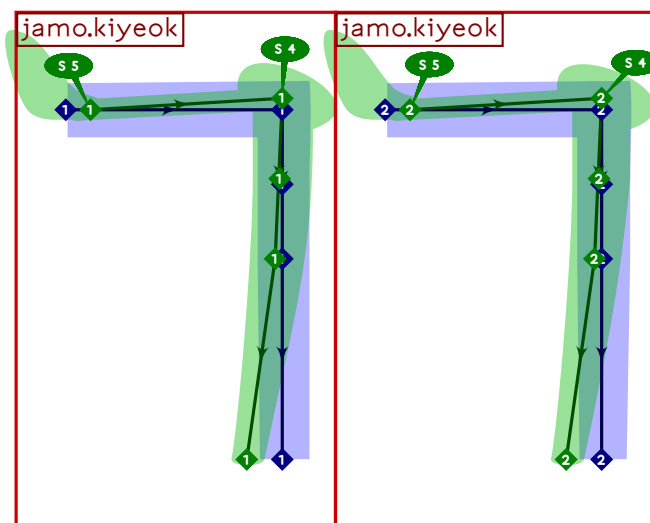


FF3

```
57 % hangul lead kiyeok
58 begintsuglyph("uni1100.lj1",0);
59 hangul.jamo.kiyeok(whatever,lixf,loxf);
60 tsu_render;
61 endtsuglyph;
62
```

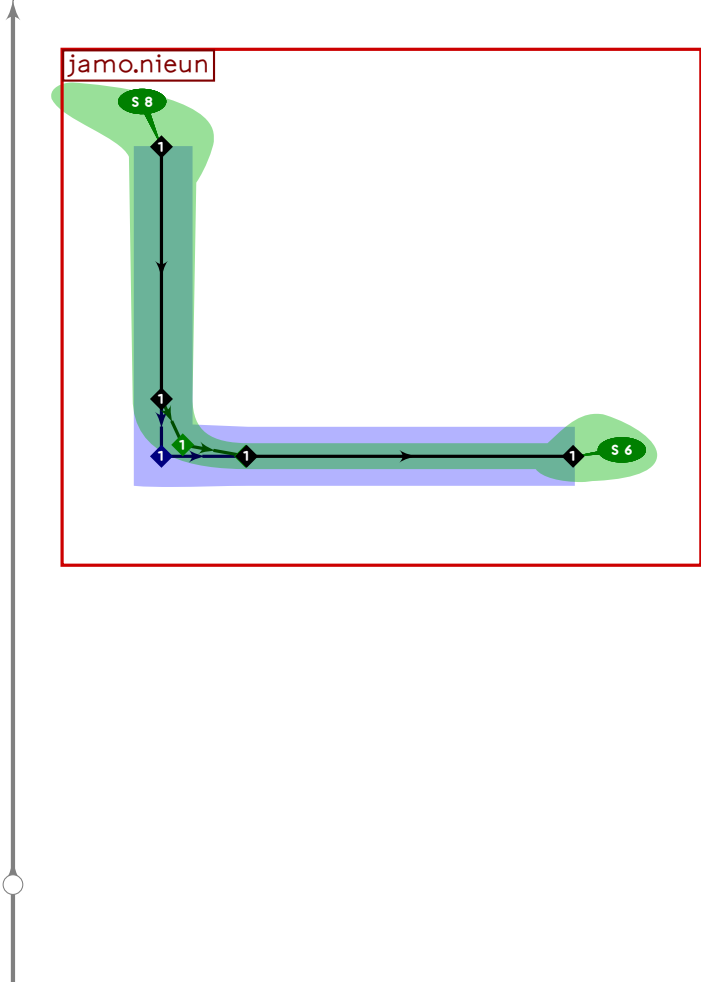
U+FF301  
jieub.uni1101.lj1

FF3



```
63 % hangul lead ssangkiyeok
64 beginsuglyph("uni1101.lj1");
65 hangul.combine.lr(100,100)(whatever,lixf,loxf);
66 tsu_render;
67 endsuglyph;
68
```





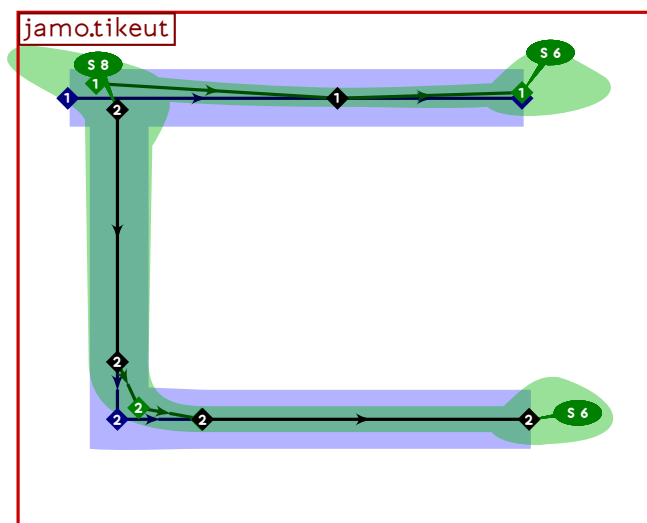
```

69 % hangul lead nieun
70 begintsuglyph("uni1102.lj",2);
71   hangul.jamo.nieun(whatever,lixf,loxf);
72   tsu__render;
73 endsuglyph;
74

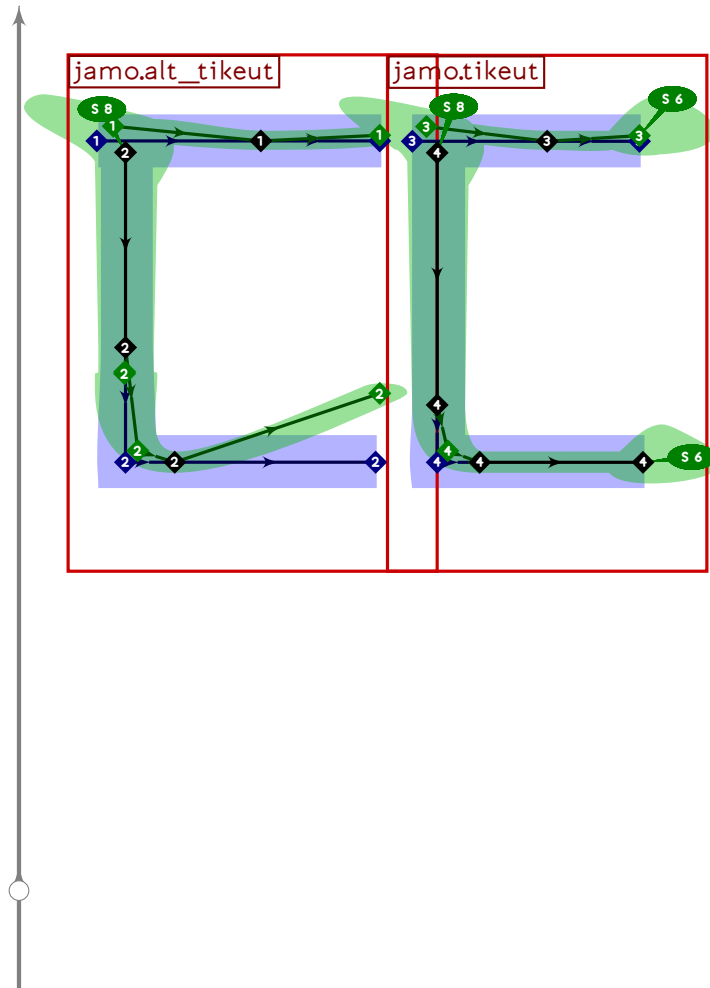
```

U+FF303  
jieub.uni1103.lj1

FF3



```
75 % hangul lead tikeut
76 begintsuglyph("uni1103.lj1";3);
77   hangul.jamot.tikeut(whatever,lixf,loxf);
78   tsu_render;
79 endsuglyph;
80
```



FF3

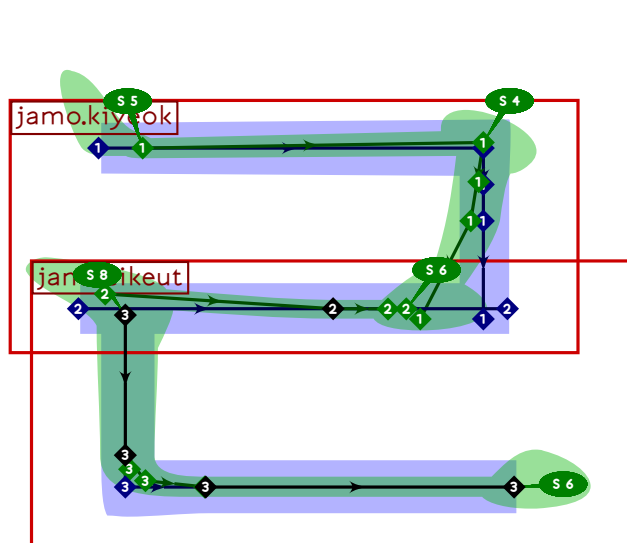
```

81 % hangul lead ssangtikeut
82 beginsuglyph("uni1104.lj1";4);
83   hangul.combine.lr(203,103)(whatever,lixf,loxf);
84   tsu_render;
85 endsuglyph;
86

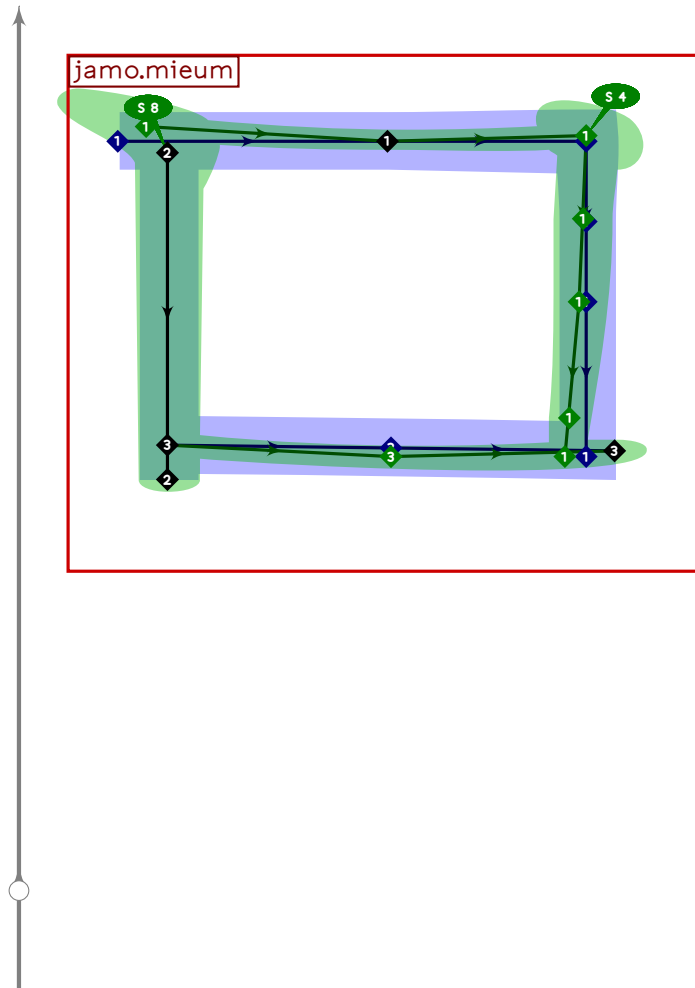
```

U+FF305  
jieub.uni1105.lj1

FF3



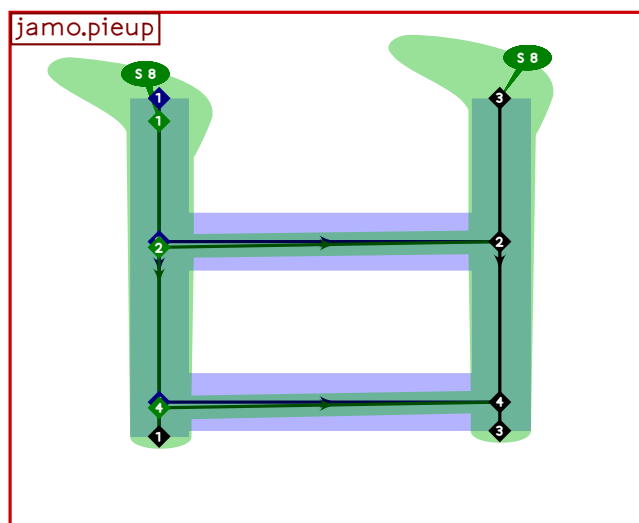
```
87 % hangul lead rieul
88 begintsuglyph("uni1105.lj1";5);
89 hangul.jamo.rieul(whatever,lixf,loxf);
90 tsu_render;
91 endtsuglyph;
92
```



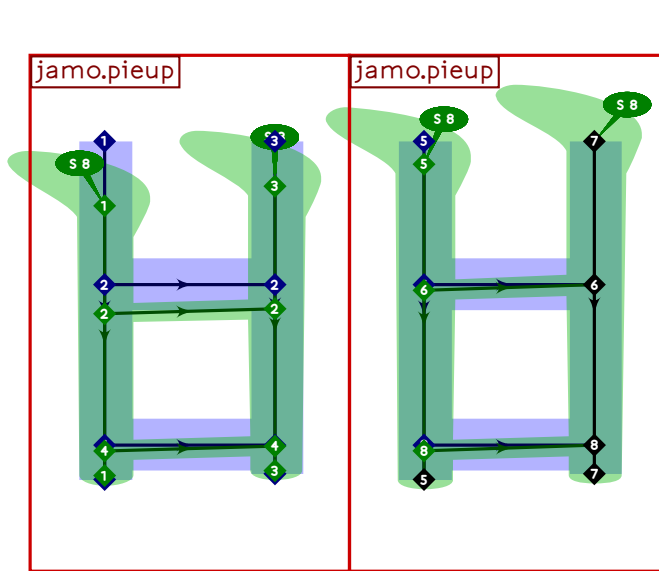
```
93 % hangul lead mieum
94 beginsuglyph("uni1106.lj1",6);
95   hangul.jamo.mieum(whatever,lixf,loxf);
96   tsu_render;
97 endsuglyph;
98
```

U+FF307  
jieub.uni1107.lj1

FF3



```
99 % hangul lead pieup
100 beginsuglyph("uni1107.lj1";7);
101   hangul.jamo.pieup(whatever,lixf,loxf);
102   tsu_render;
103 endsuglyph;
104
```



FF3

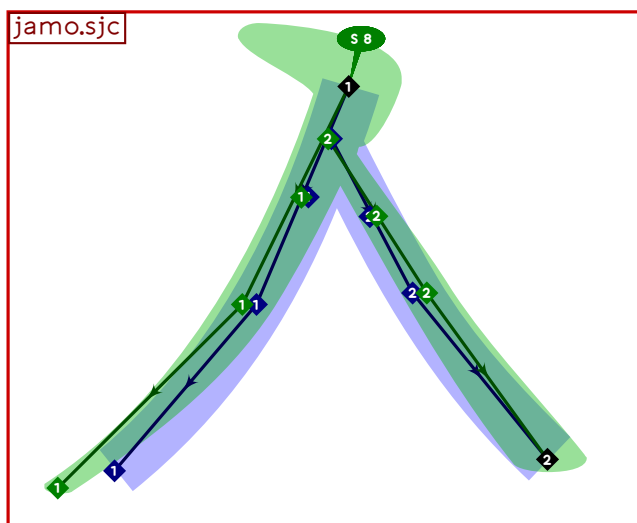
```

105 % hangul lead ssangpieup
106 begintsuglyph("uni1108.lj1";8);
107 hangul.combine.lr(207,107)(whatever,lixf,loxf);
108 tsu_render;
109 endtsuglyph;
110

```

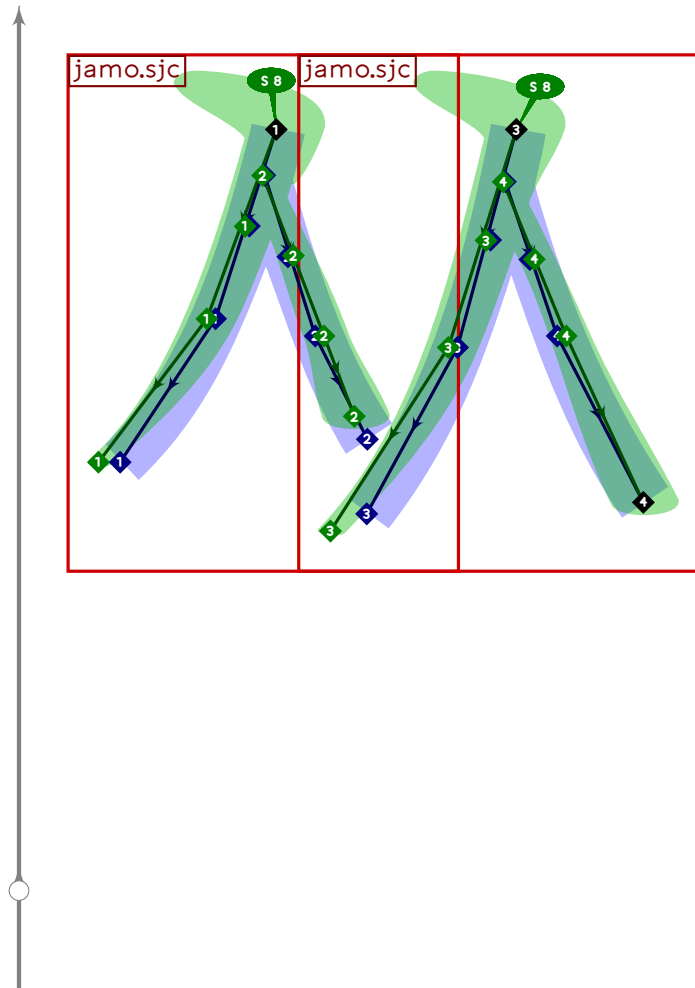
U+FF309  
jieub.uni1109.lj1

FF3



```
111 % hangul lead sios
112 begintsuglyph("uni1109.lj1";9);
113   hangul.jamogun.sjc(0,0,false)(whatever,lixf,loxf);
114   tsu_render;
115 endtsuglyph;
116
```





```

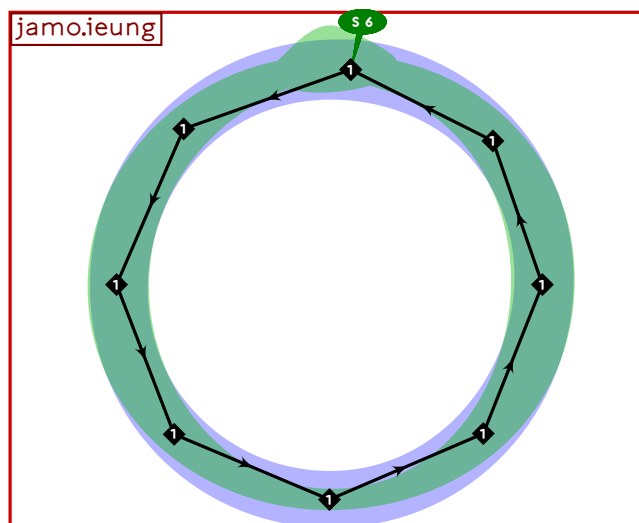
117 % hangul lead ssangsios
118 begintsuglyph("uni110A.lj1",10);
119 hangul.combine.lr(209,109)(whatever,lixf,loxf);
120 tsu_render;
121 endtsuglyph;
122

```

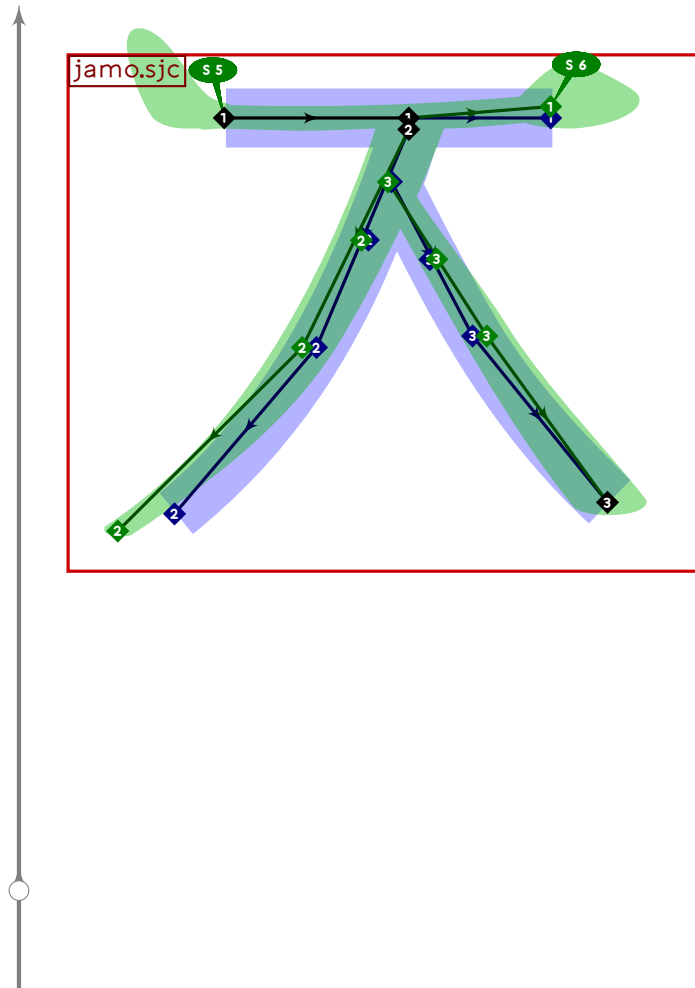
FF3

U+FF30B  
jieub.uni110B.lj1

FF3



```
123 % hangul lead ieung
124 beginsuglyph("uni110B.lj1",11);
125   hangul.jamo.ieung(whatever,lixf,loxf);
126   tsu_render;
127 endsuglyph;
128
```



FF3

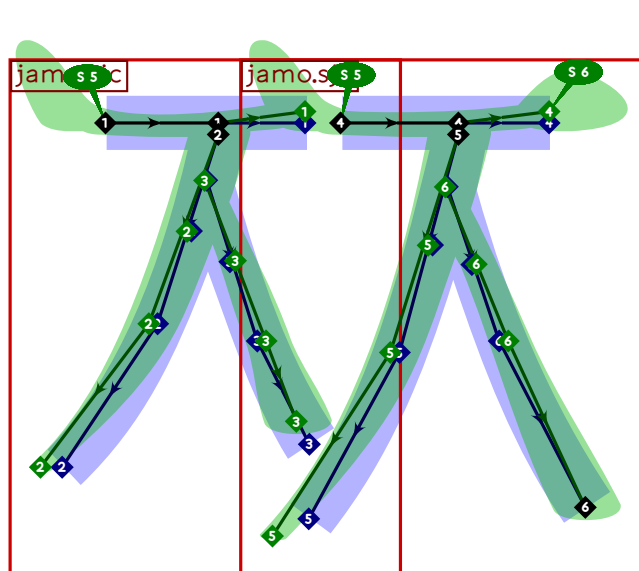
```

129 % hangul lead cieuc
130 begintsuglyph("uni110C.lj1",12);
131   hangul.jamo.sjc(1,0,false)(whatever,lixf,loxf);
132   tsu_render;
133 endtsuglyph;
134

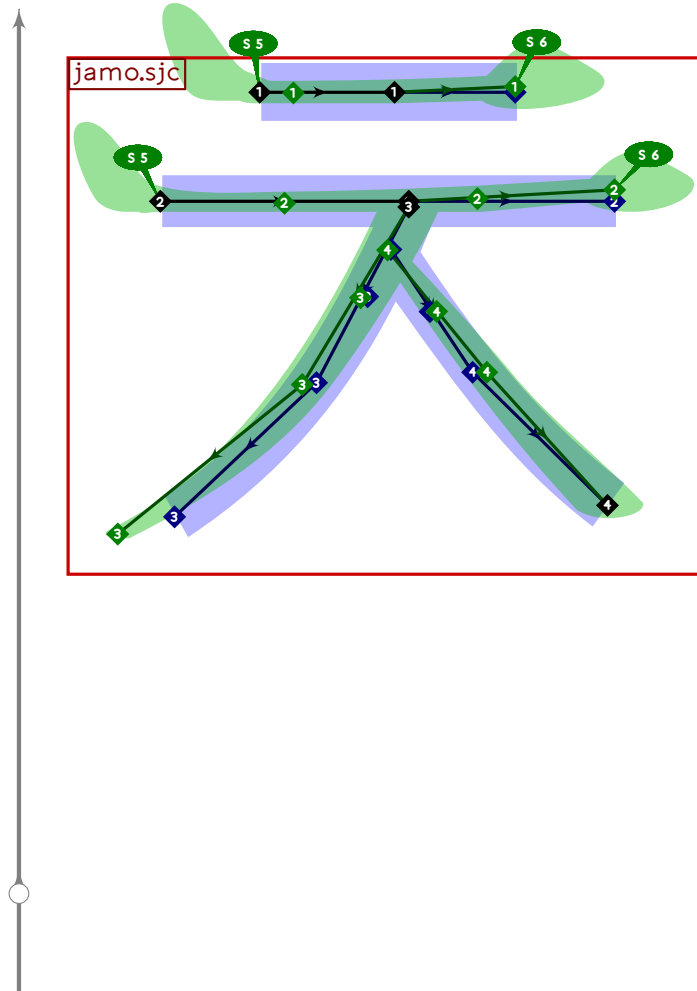
```

U+FF30D  
jieub.uni110D.lj1

FF3



```
135 % hangul lead ssangcieuc
136 begintsuglyph("uni110D.lj1",13);
137   hangul.combine.lr(212,112)(whatever,lixf,loxf);
138   tsu_render;
139 endtsuglyph;
140
```



FF3

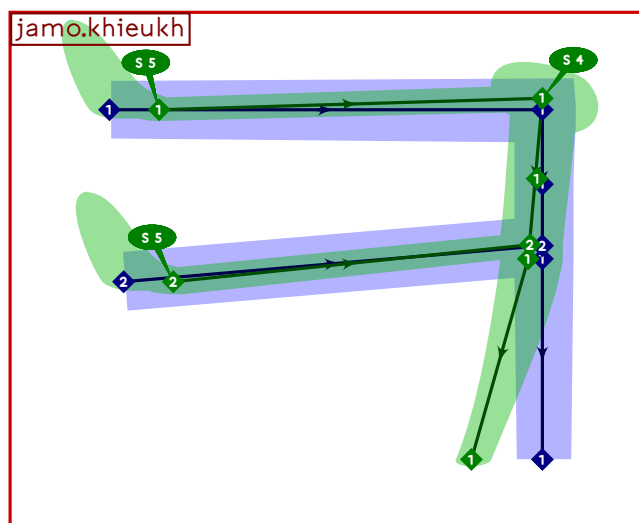
```

141 % hangul lead chieuch
142 begintsuglyph("uni110E.lj1",14);
143   hangul.jamo.sjc(2,0,false)(whatever,lixf,loxf);
144   tsu_render;
145 endsuglyph;
146

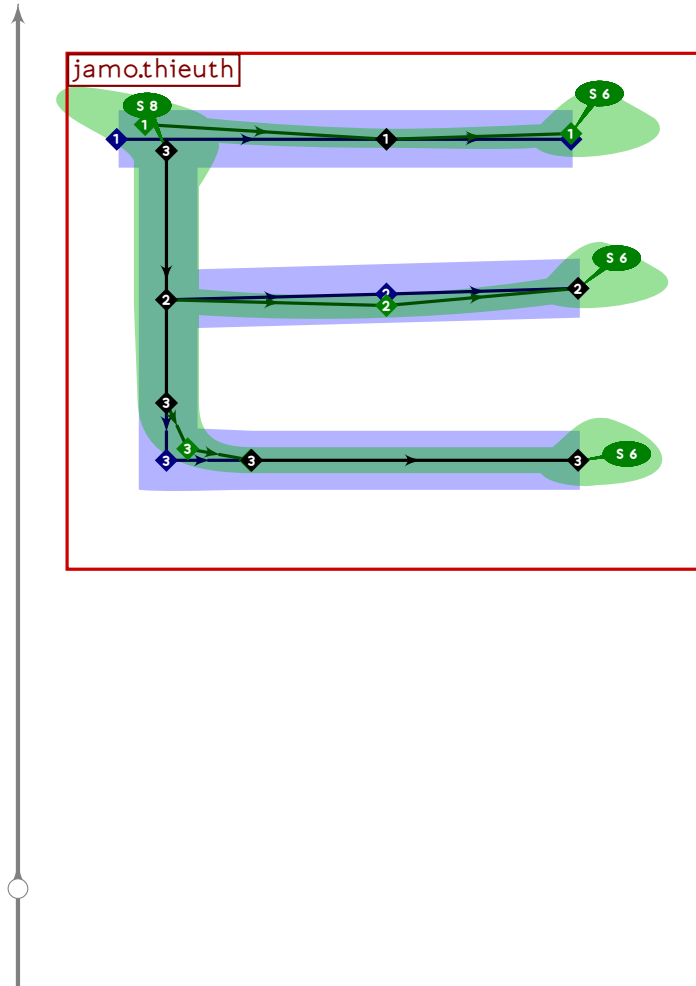
```

U+FF30F  
jieub.uni110F.lj1

FF3



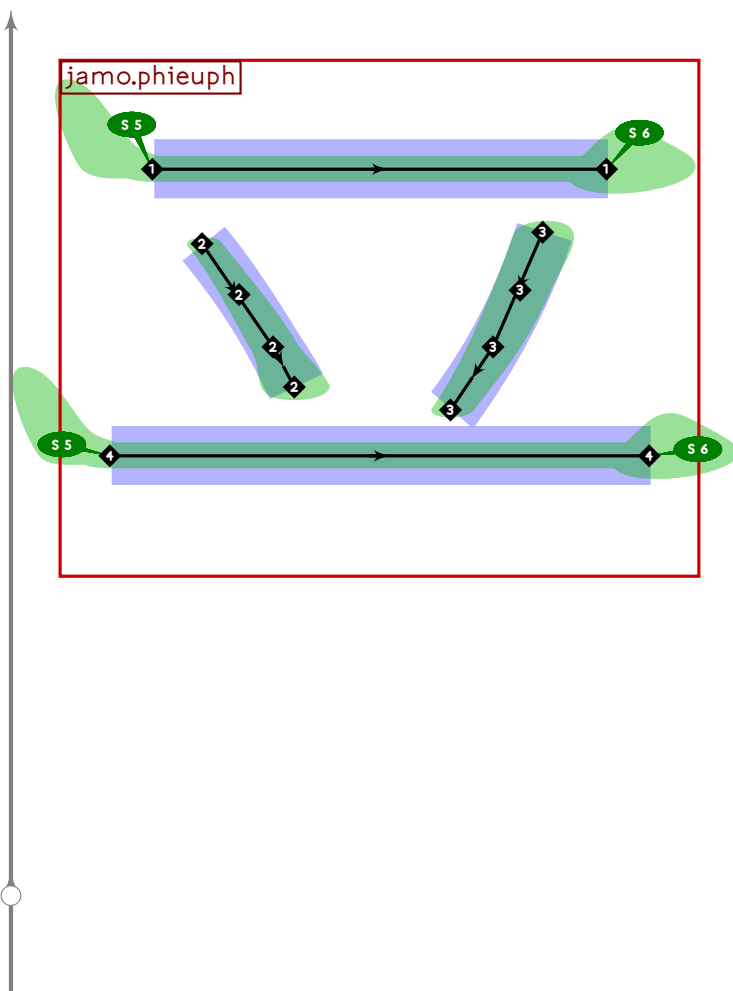
```
147 % hangul lead khieukh
148 begintsuglyph("uni110F.lj1",15);
149 hangul.jam.o.khieukh(whatever,lixf,loxf);
150 tsu_render;
151 endtsuglyph;
152
```



```
153 % hangul lead thieuth
154 begintsuglyph("uni1110.lj1",16);
155   hangul.jamo.thieuth(whatever,lixf,loxf);
156   tsu_render;
157 endtsuglyph;
158
```

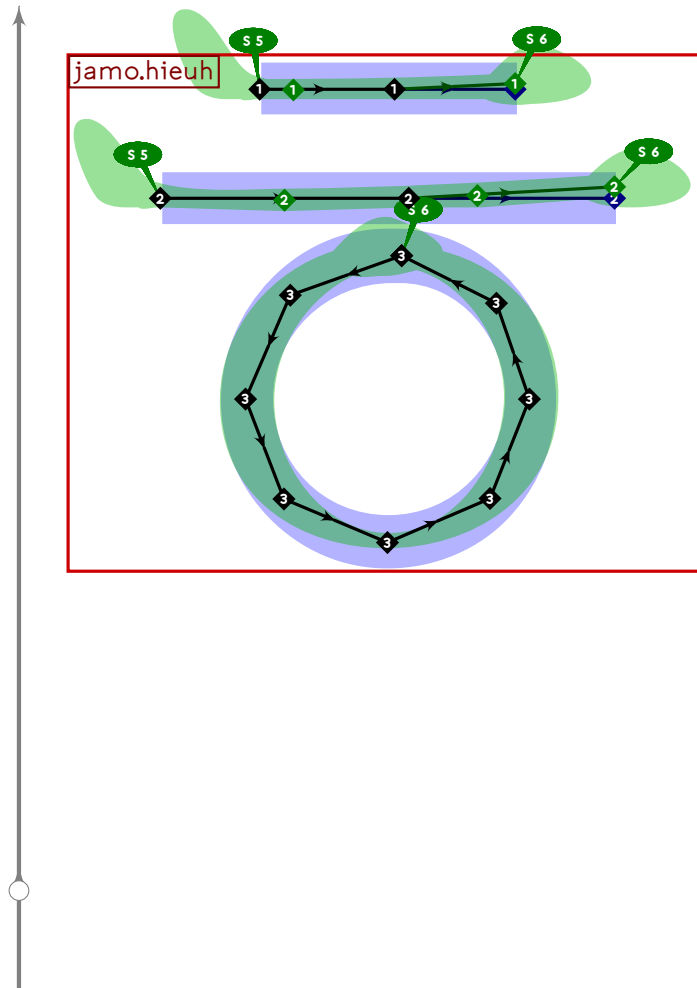
U+FF311  
jieub.uni1111.lj1

FF3



```
159 % hangul lead phieuph
160 begintsuglyph("uni1111.lj1";17);
161   hangul.jamo.phieuph(whatever,lixf,loxf);
162   tsu_render;
163 endtsuglyph;
164
```





FF3

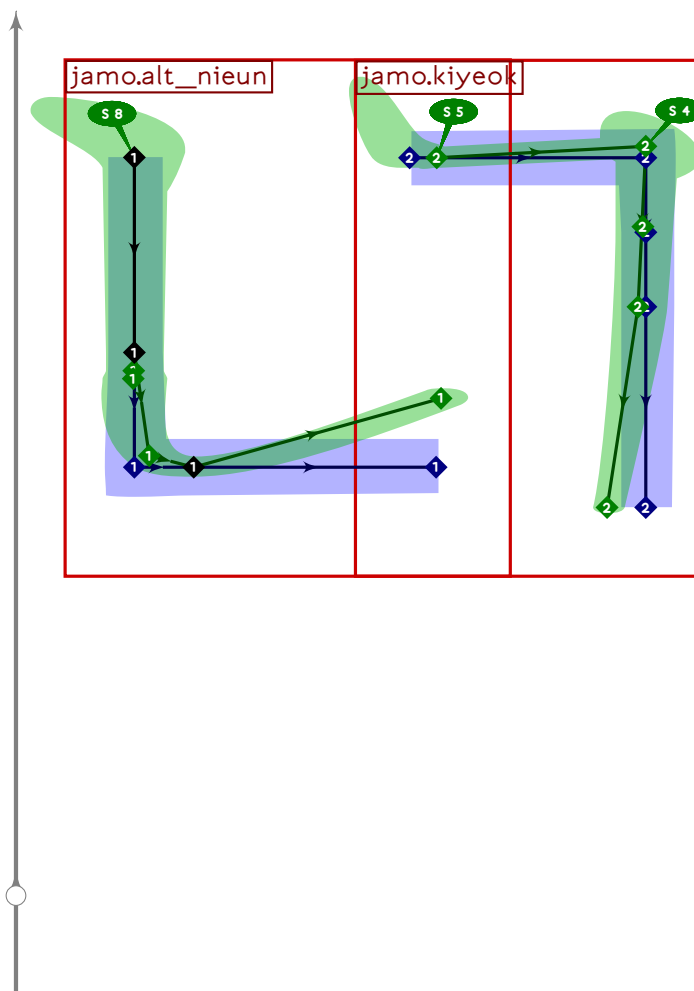
```

165 % hangul lead hieuh
166 begintsuglyph("uni1112.lj1",18);
167   hangul.jamo.hieuh(whatever,lixf,loxf);
168   tsu_render;
169 endsuglyph;
170

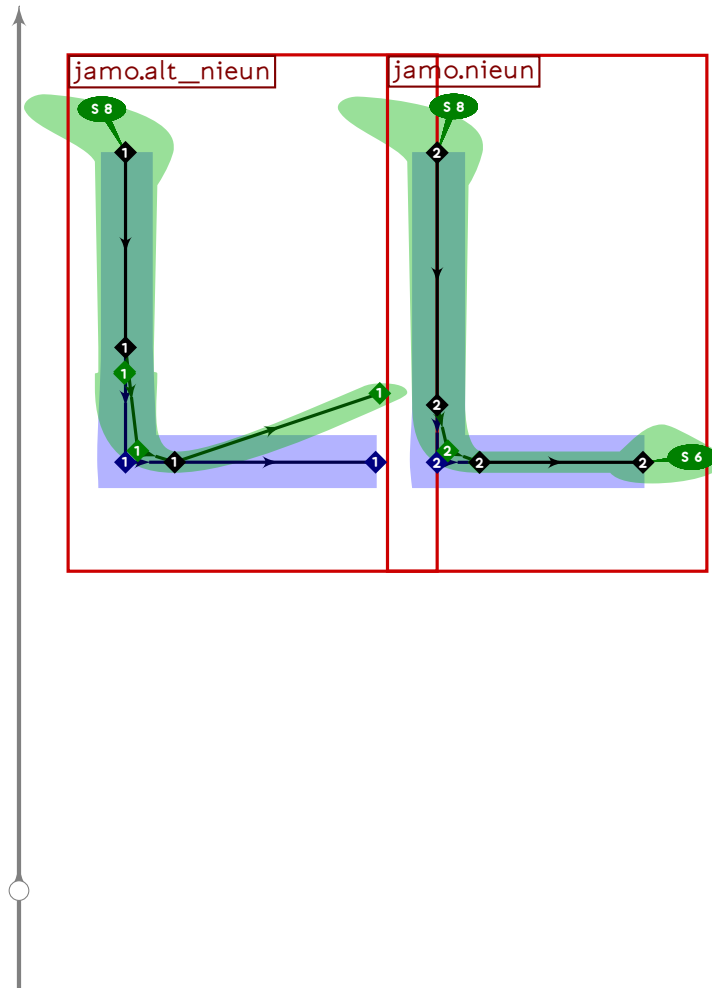
```

U+FF313  
jieub.uni1113.lj1

FF3



```
171 % hangul lead nieun-kiyeok
172 begintsuglyph("uni1113.lj1",19);
173   hangul.combine.lr(202,100)(whatever,lixf,loxf);
174   tsu_render;
175 endtsuglyph;
176
```



FF3

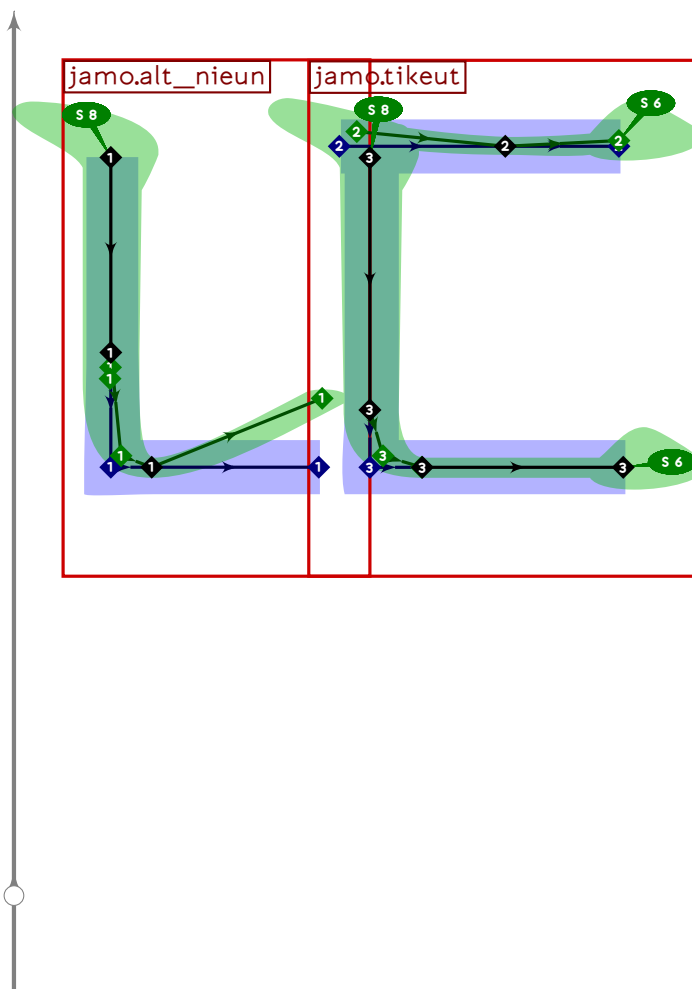
```

177 % hangul lead ssangnieun
178 begintsuglyph("uni1114.lj1",20);
179 hangul.combine.lr(202,102)(whatever,lixf,loxf);
180 tsu_render;
181 endtsuglyph;
182

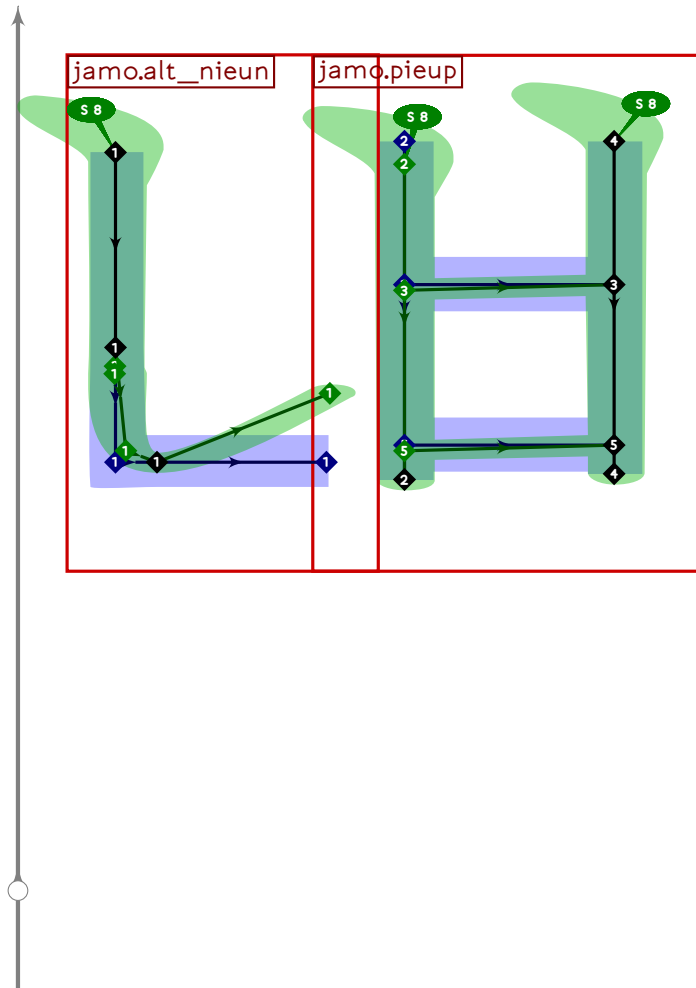
```

U+FF315  
jieub.uni1115.lj1

FF3



```
183 % hangul lead nieun-tikeut
184 begintsuglyph("uni1115.lj1",21);
185   hangul.combine.lr(202,103)(whatever,lixf,loxf);
186   tsu_render;
187 endtsuglyph;
188
```



FF3

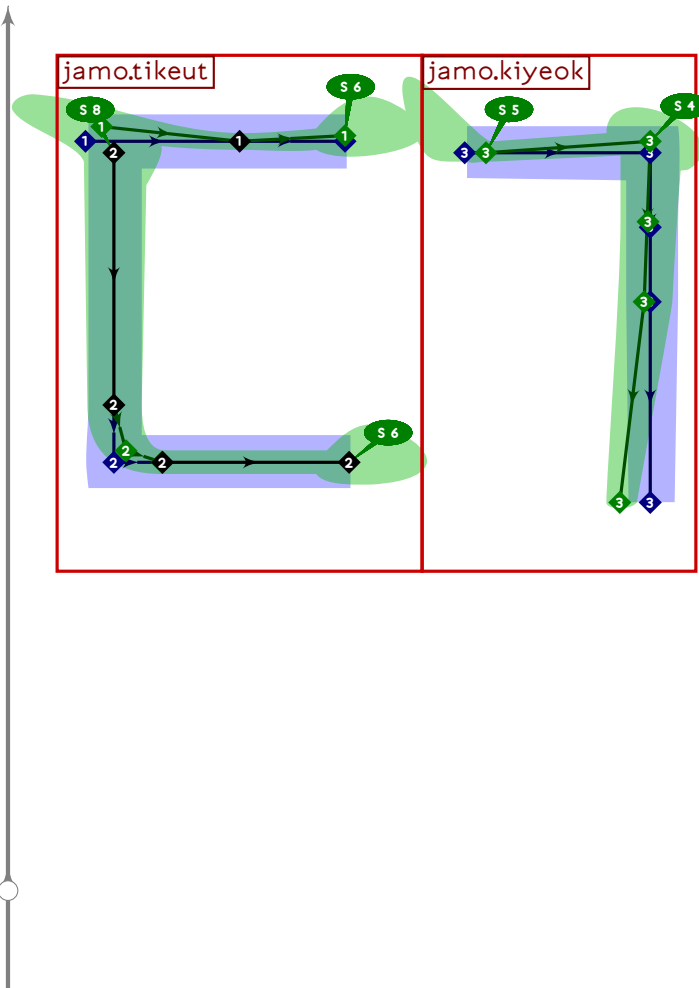
```

189 % hangul lead nieun-pieup
190 begintsuglyph("uni1116.lj1";22);
191   hangul.combine.lr(202,107)(whatever,lixf,loxf);
192   tsu_render;
193 endtsuglyph;
194

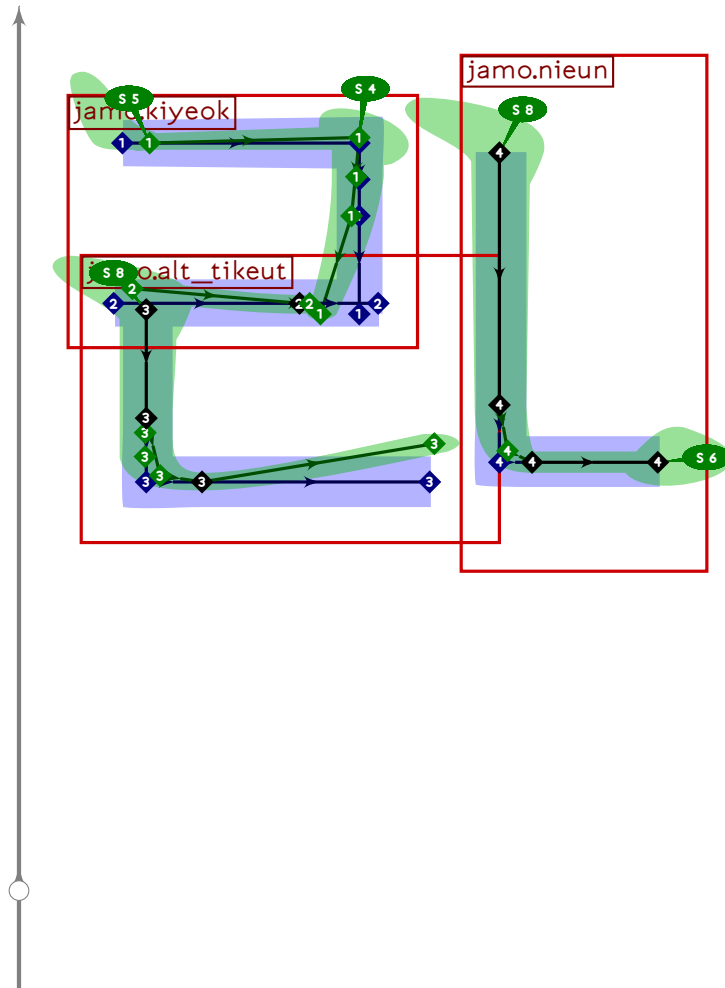
```

U+FF317  
jieub.uni1117.lj1

FF3



```
195 % hangul lead tikeut-kiyeok
196 beginsuglyph("uni1117.lj1",23);
197   hangul.combine.lr(103,100)(whatever,lixf,loxf);
198   tsu_render;
199 endsuglyph;
200
```



FF3

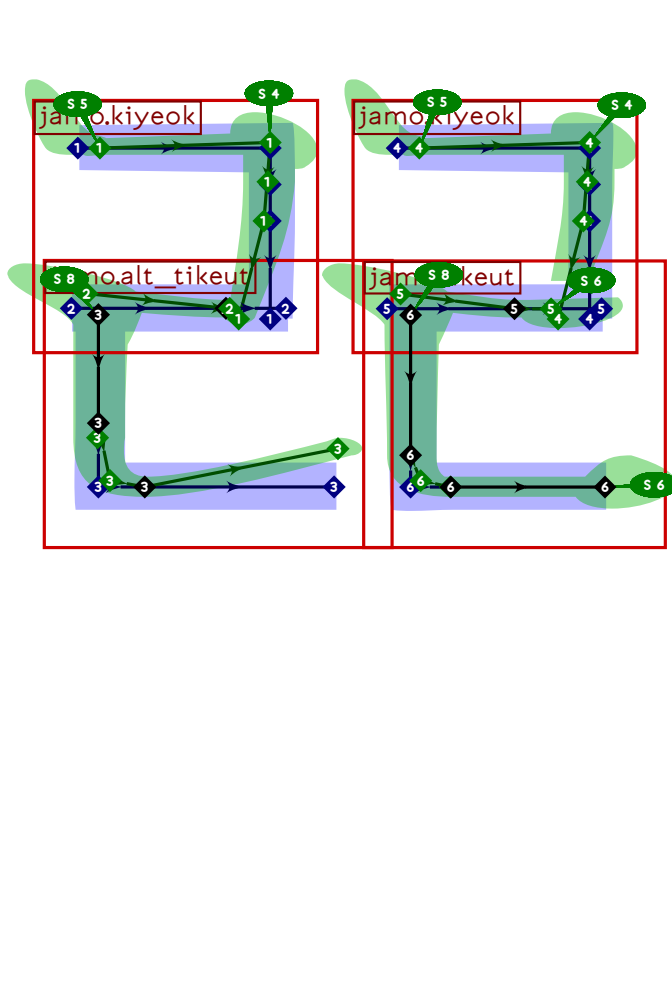
```

201 % hangul lead rieul-nieun
202 beginsuglyph("uni1118.lj1";24);
203   hangul.combine.lr(205,102)(whatever,lixf,loxf);
204   tsu_render;
205 endsuglyph;
206

```

U+FF319  
jieub.uni1119.lj1

FF3

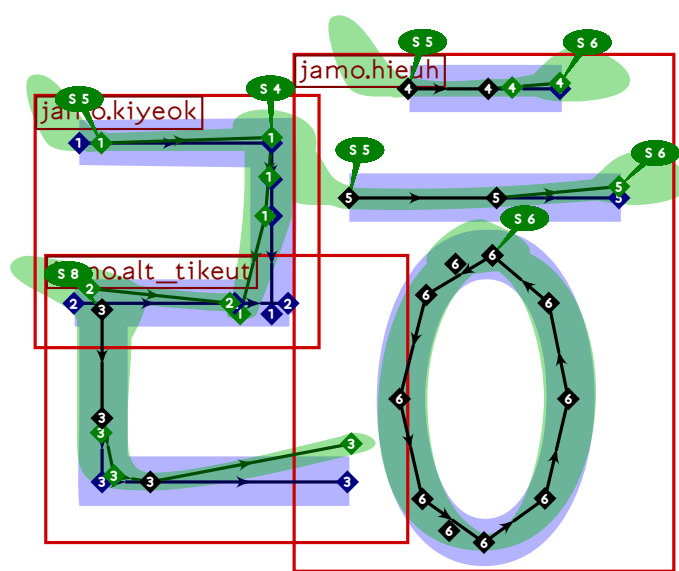


```

207 % hangul lead ssangrieul
208 begintsuglyph("uni1119.lj1",25);
209 hangul.combine.lr(205,105)(whatever,lixf,loxf);
210 tsu_render;
211 endtsuglyph;
212

```





FF3

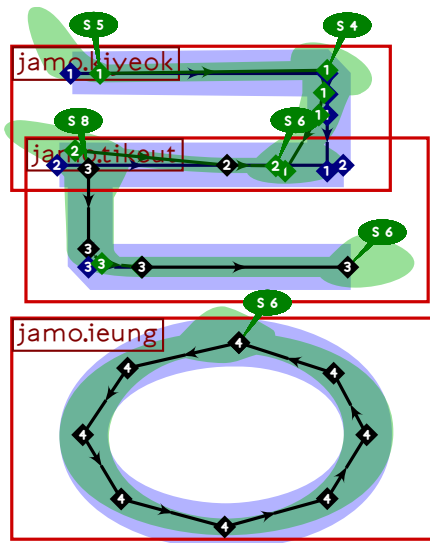
```

213 % hangul lead rieul-hieuh
214 begintsuglyph("uni111A.lj1";26);
215   hangul.combine.lr(205,118)(whatever,lixf,loxf);
216   tsu_render;
217 endtsuglyph;
218

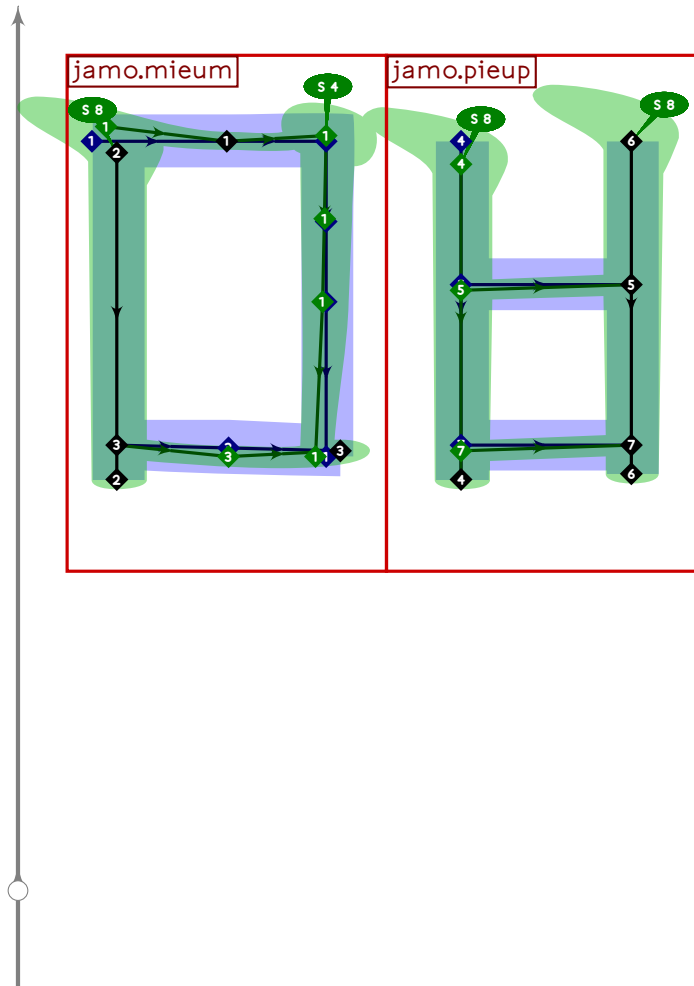
```

U+FF31B  
jieub.uni111B.lj1

FF3



```
219 % hangul lead kapyeounrieul
220 begintsuglyph("uni111B.lj1";27);
221   hangul.combine.tb(105,521)(whatever,
222     hxf((200,850),(800,-50)) transformed lixf,loxf);
223   tsu_render;
224 endtsuglyph;
225
```



FF3

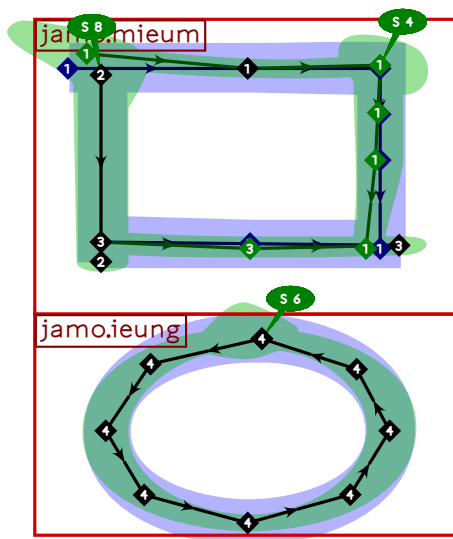
```

226 % hangul lead mieum-pieup
227 begintsuglyph("uni111C.lj1";28);
228   hangul.combine.lr(106,107)(whatever,lixf,loxf);
229   tsu_render;
230 endtsuglyph;
231

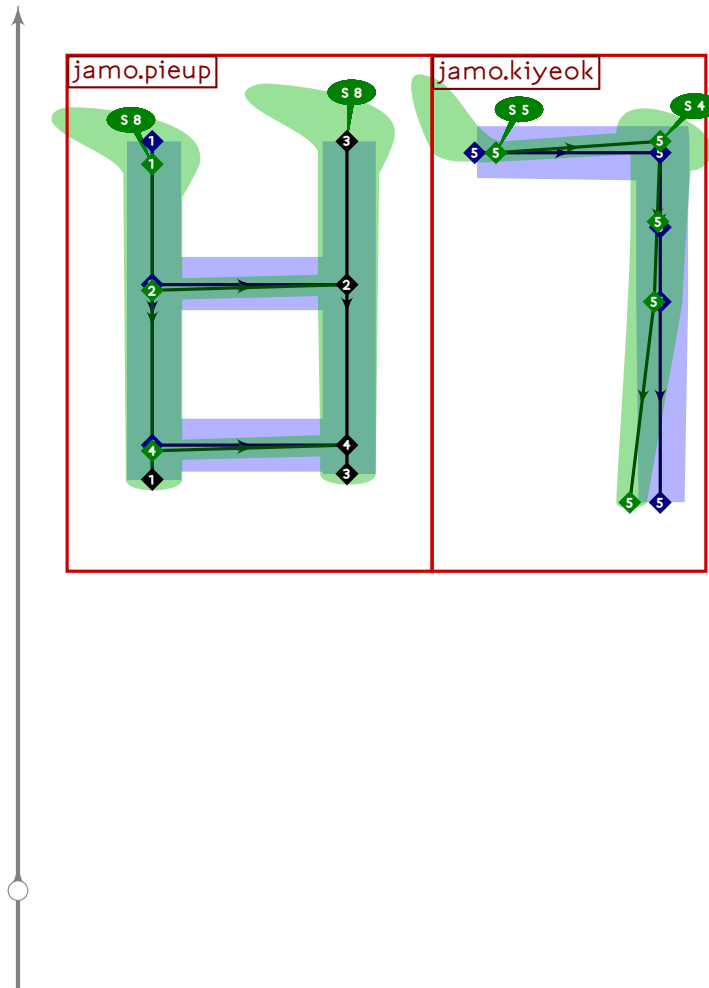
```

U+FF31D  
jieub.uni111D.lj1

FF3



```
232 % hangul lead kapyeounmieum
233 beginsuglyph("uni111D.lj1";29);
234 hangul.combine.tb(106,521)(whatever,
235     hxf((200,850),(800,-50)) transformed lixf,loxf);
236 tsu_render;
237 endtsuglyph;
238
```



FF3

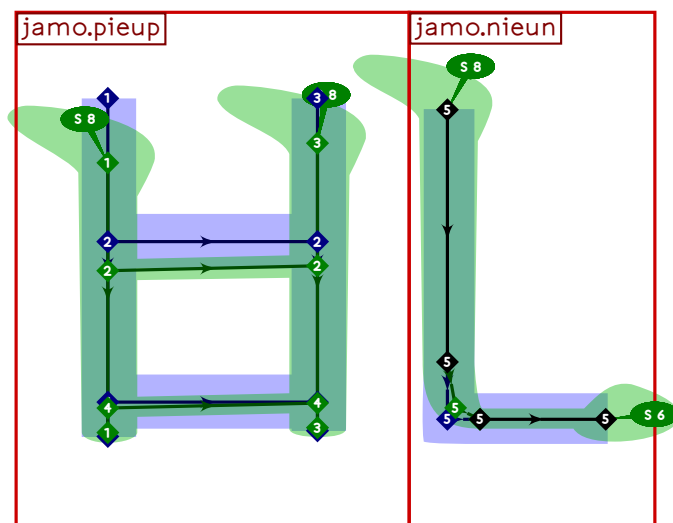
```

239 % hangul lead pieup-kiyeok
240 begintsuglyph("uni111E.lj1",30);
241   hangul.combine.lr(107,100)(whatever,lixf,loxf);
242   tsu_render;
243 endsuglyph;
244

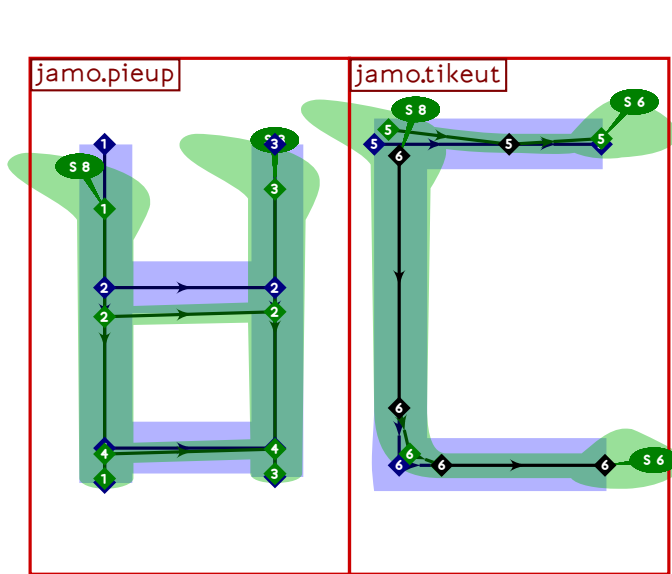
```

U+FF31F  
jieub.uni111F.lj1

FF3



```
245 % hangul lead pieup-nieun
246 begintsuglyph("uni111F.lj1",31);
247   hangul.combine.lr(207,102)(whatever,lixf,loxf);
248   tsu_render;
249 endtsuglyph;
250
```



FF3

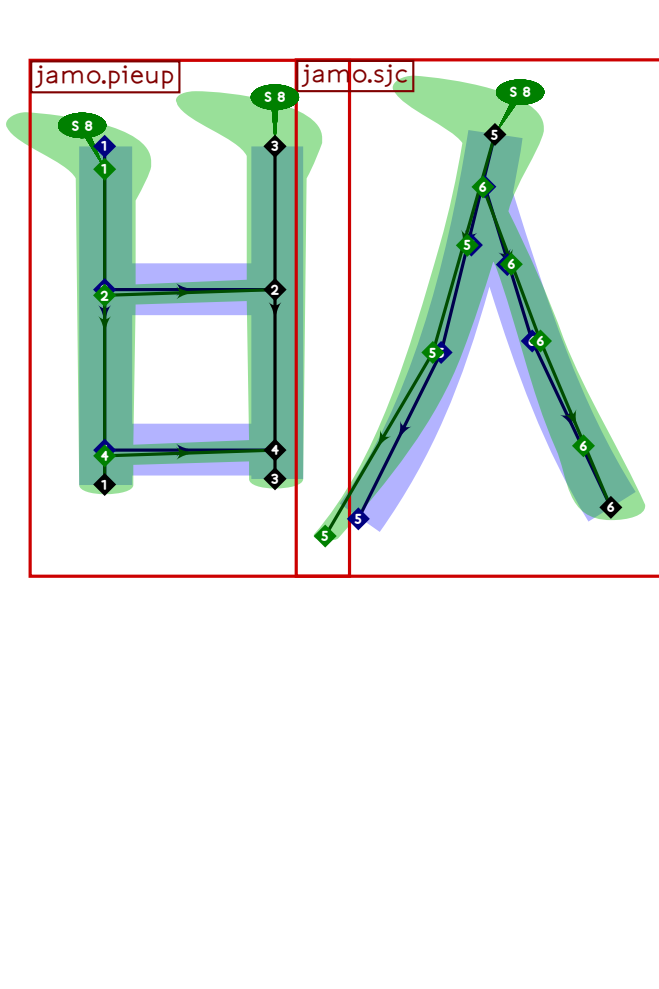
```

251 % hangul lead pieup-tikeut
252 begintsuglyph("uni1120.lj1";32);
253   hangul.combine.lr(207,103)(whatever,lixf,loxf);
254   tsu_render;
255 endtsuglyph;
256

```

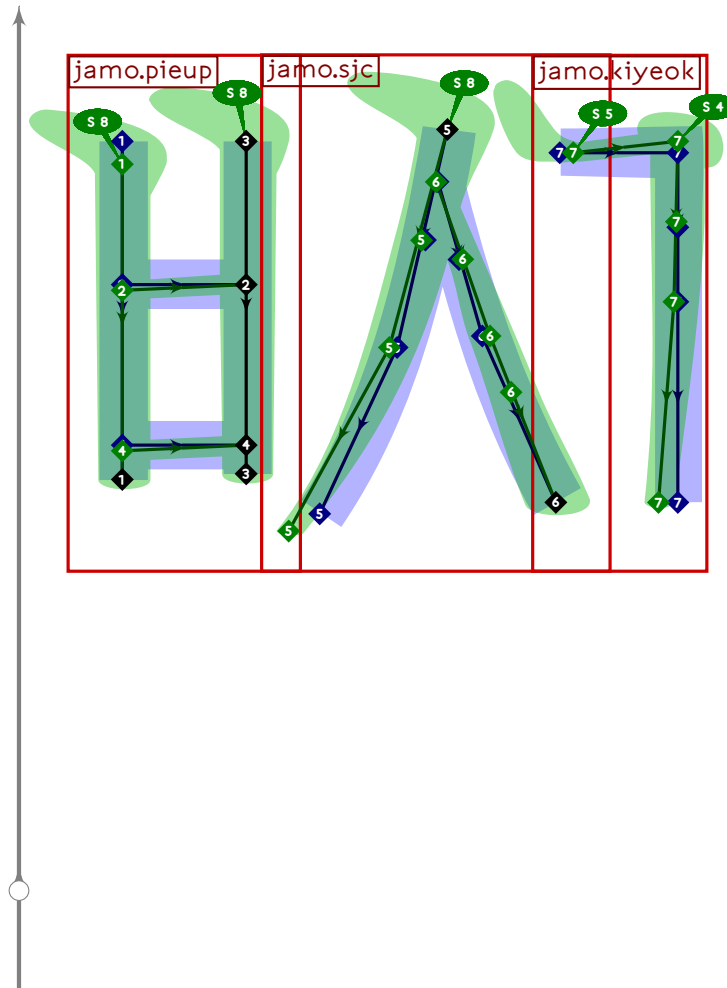
U+FF321  
jieub.uni1121.lj1

FF3



```
257 % hangul lead pieup-sios
258 begintsuglyph("uni1121.lj1",33);
259   hangul.combine.lr(107,109)(whatever,lixf,loxf);
260   tsu_render;
261 endtsuglyph;
262
```





FF3

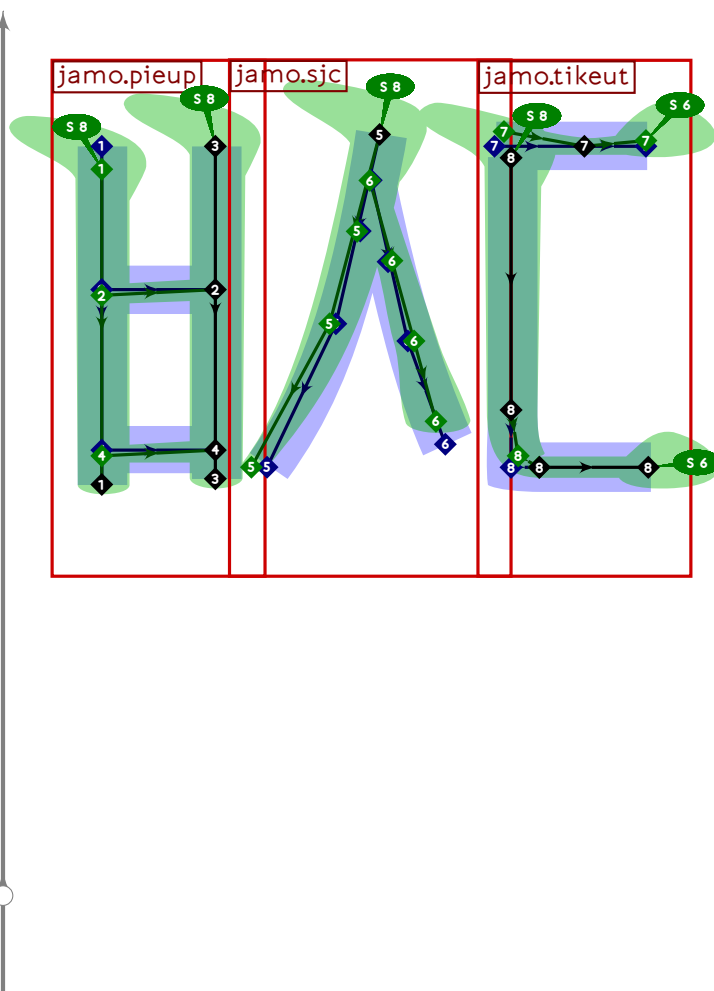
```

263 % hangul lead pieup-sios-kiyeok
264 begintsuglyph("uni1122.lj1";34);
265   hangul.combine.lcr(107,109,100)(whatever,lixf,loxf);
266   tsu_render;
267 endtsuglyph;
268

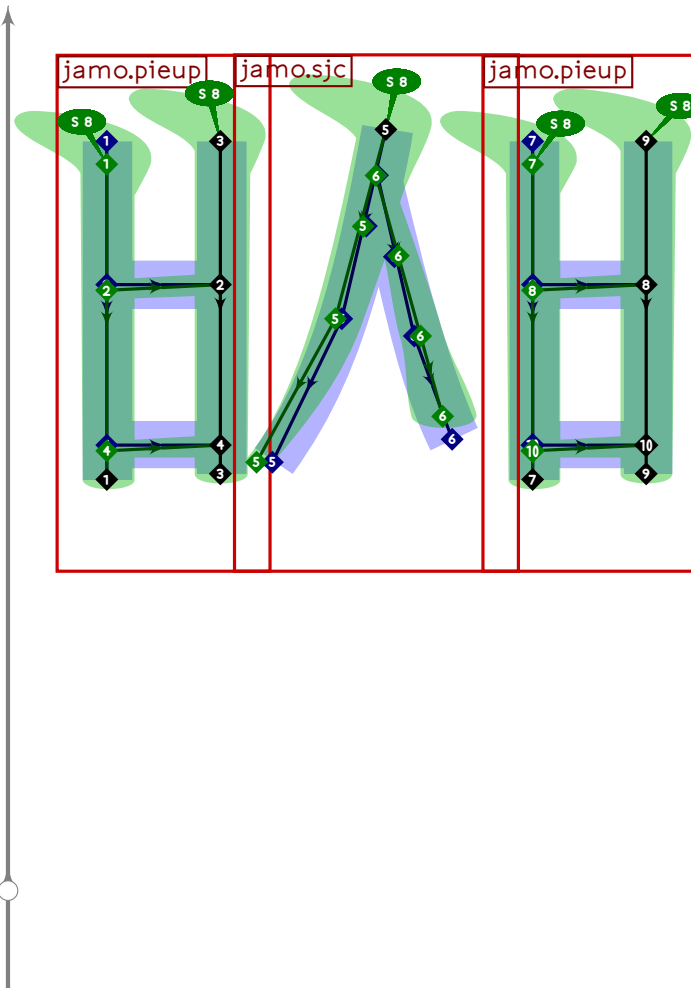
```

U+FF323  
jieub.uni1123.lj1

FF3



```
269 % hangul lead pieup-sios-tikeut
270 begintsuglyph("uni1123.lj1";35);
271 hangul.combine.lcr(107,209;103)(whatever,lixf,loxf);
272 tsu_render;
273 endsuglyph;
274
```



FF3

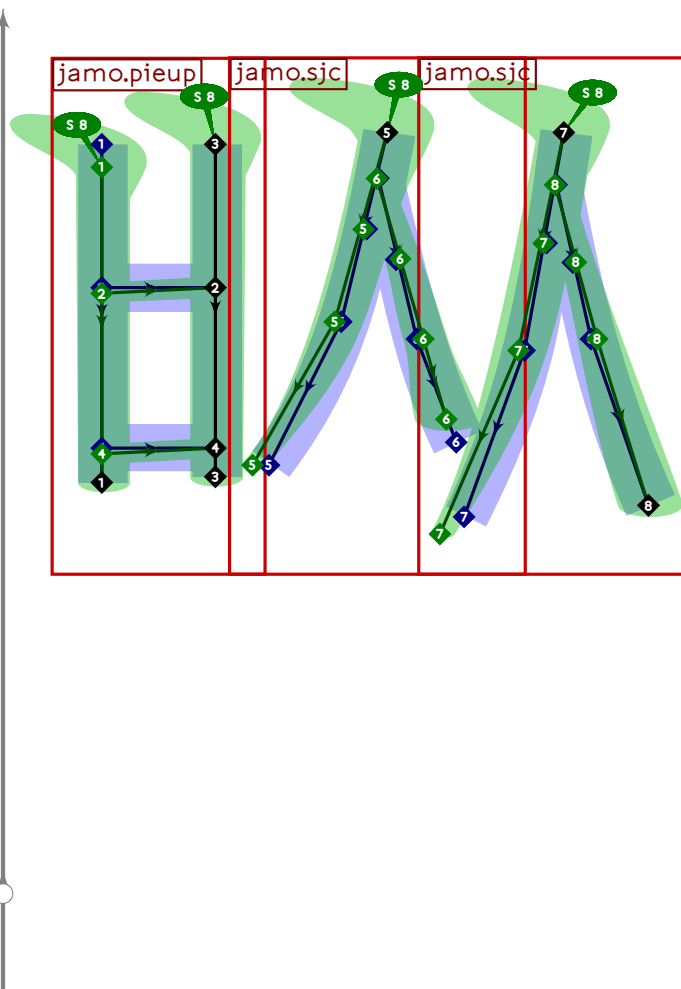
```

275 % hangul lead pieup-sios-pieup
276 begintsuglyph("uni1124.lj1";36);
277   hangul.combine.lcr(107,209;107)(whatever,lif,loxf);
278   tsu_render;
279 endsuglyph;
280

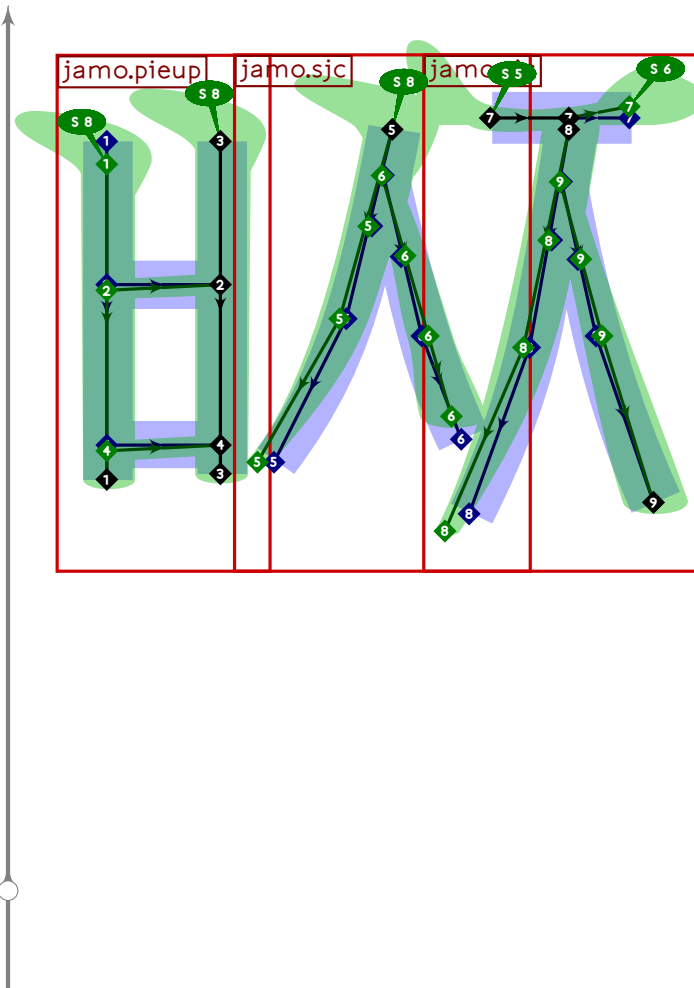
```

U+FF325  
jieub.uni1125.lj1

FF3



```
281 % hangul lead pieup-ssangsios
282 begintsuglyph("uni1125.lj1";37);
283   hangul.combine.lcr(107,209;109)(whatever,lif,loxf);
284   tsu_render;
285 endsuglyph;
286
```



FF3

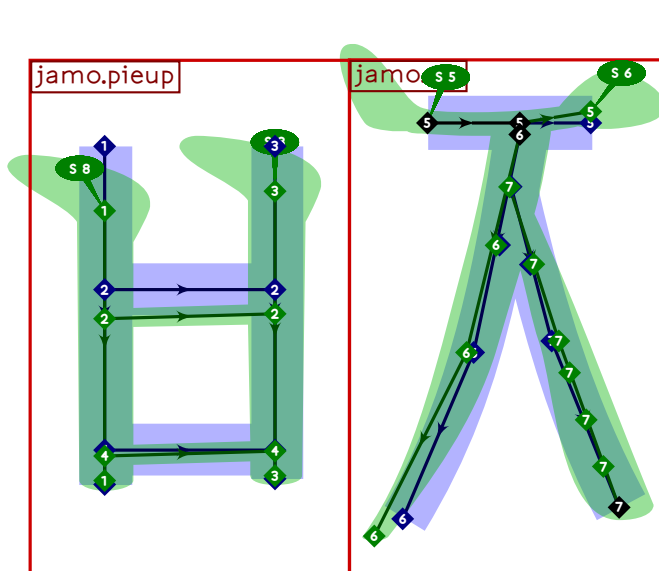
```

287 % hangul lead pieup-sios-cieuc
288 begintsuglyph("uni1126.lj1";38);
289 hangul.combine.lcr(107,209;112)(whatever,lixf,loxf);
290 tsu_render;
291 endtsuglyph;
292

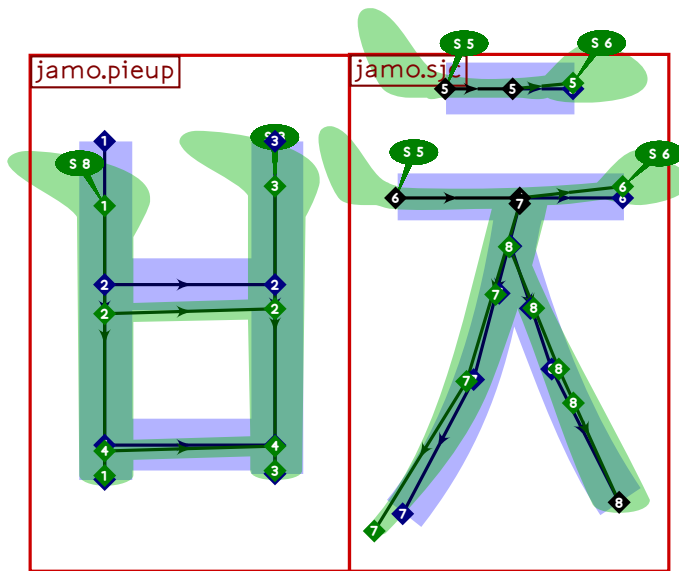
```

U+FF327  
jieub.uni1127.lj1

FF3



```
293 % hangul lead pieup-cieuc
294 begintsuglyph("uni1127.lj1",39);
295   hangul.combine.lr(207,112)(whatever,lixf,loxf);
296   tsu_render;
297 endtsuglyph;
298
```



FF3

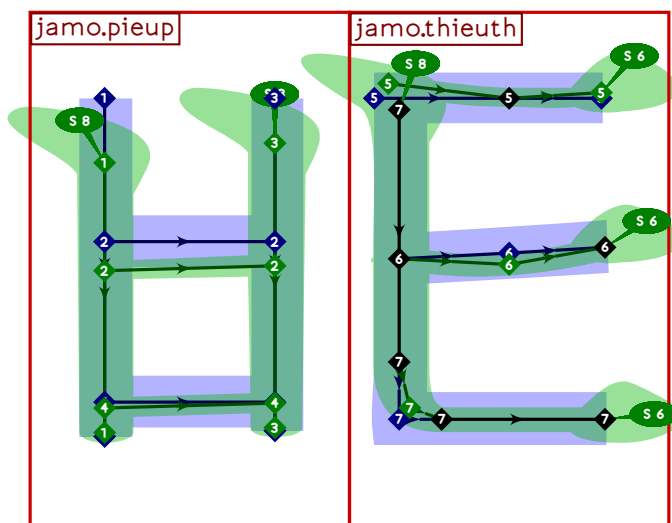
```

299 % hangul lead pieup-chieuch
300 begintsuglyph("uni1128.lj1";40);
301   hangul.combine.lr(207,114)(whatever,lixf,loxf);
302   tsu_render;
303 endtsuglyph;
304

```

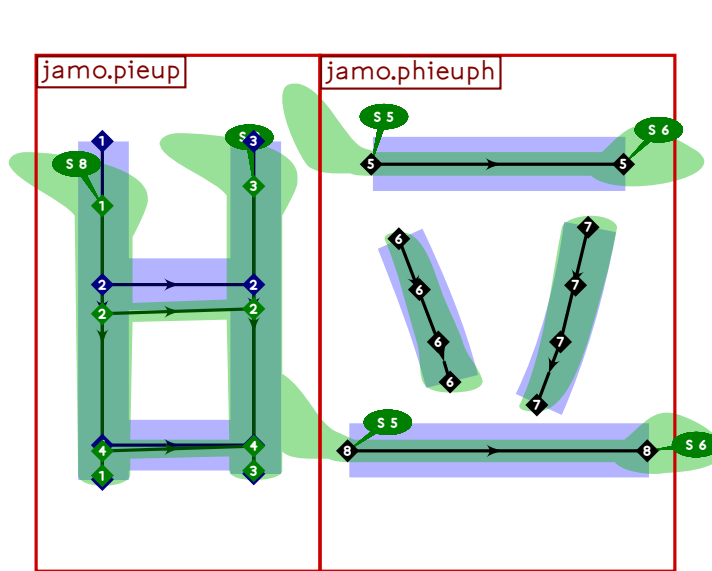
U+FF329  
jieub.uni1129.lj1

FF3



```
305 % hangul lead pieup-thieuth
306 begintsuglyph("uni1129.lj1";41);
307   hangul.combine.lr(207,116)(whatever,lixf,loxf);
308   tsu_render;
309 endtsuglyph;
310
```





FF3

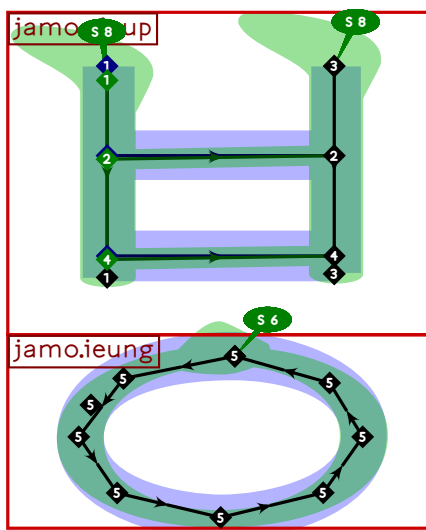
```

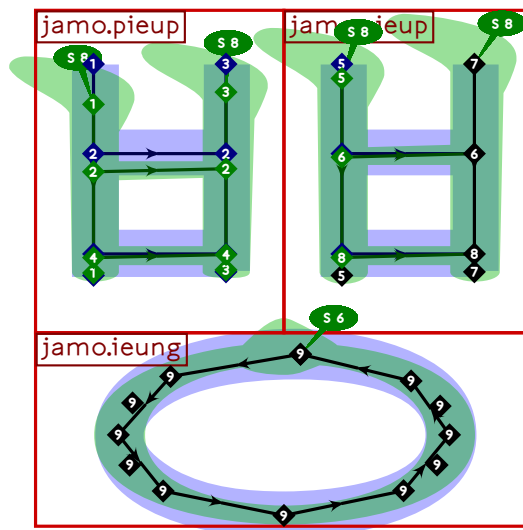
311 % hangul lead pieup-phieuph
312 begintsuglyph("uni112A.lj1";42);
313 hangul.combine.lr(207,117)(whatever,lixf,loxf);
314 tsu_render;
315 endtsuglyph;
316

```

U+FF32B  
jieub.uni112B.lj1

FF3





FF3

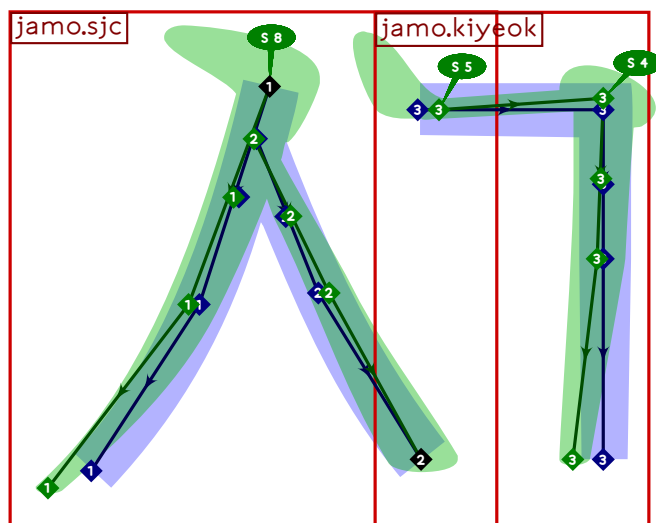
```

324 % hangul lead kapyeounssangpieup
325 begintsuglyph("uni112C.lj1";44);
326 hangul.combine.tb(108,521)(whatever,
327   hxf((150,850),(850,-50)) transformed lixf,loxf);
328 tsu_render;
329 endtsuglyph;
330

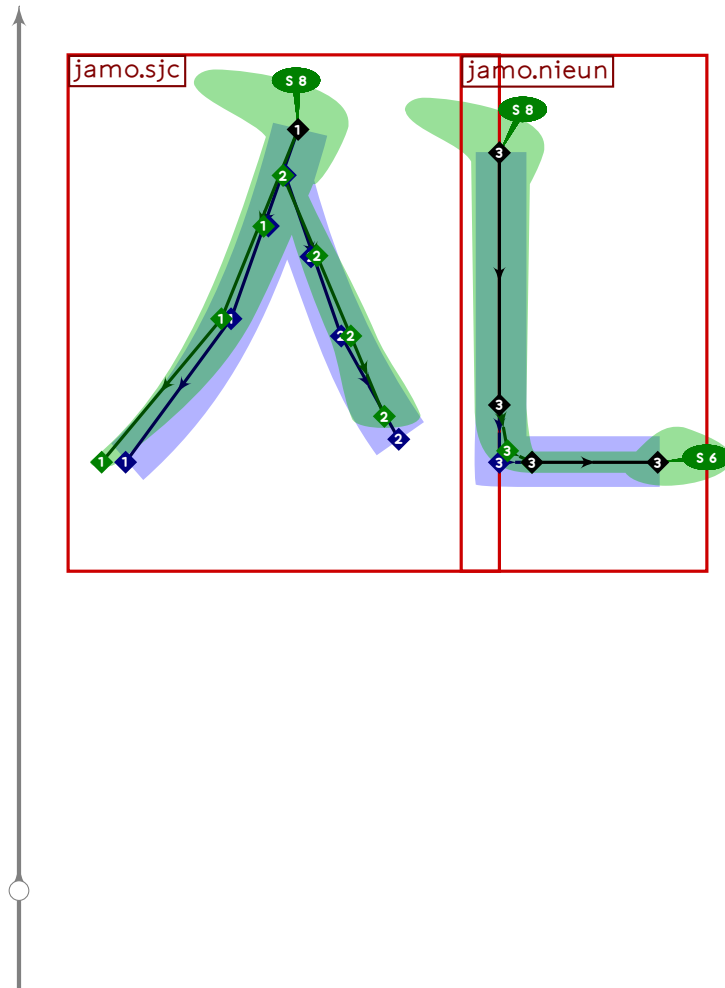
```

U+FF32D  
jieub.uni112D.lj1

FF3



```
331 % hangul lead sios-kiyeok
332 begintsuglyph("uni112D.lj1";45);
333   hangul.combine.lr(109;100)(whatever,lixf,loxf);
334   tsu_render;
335 endtsuglyph;
336
```



FF3

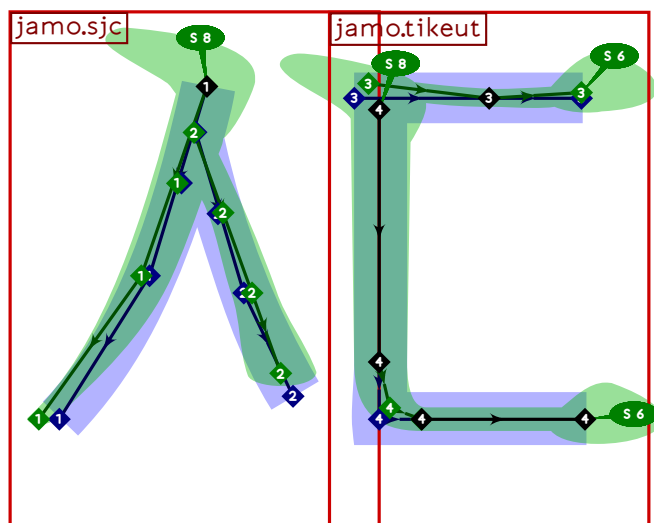
```

337 % hangul lead sios-nieun
338 begintsuglyph("uni112E.lj1";46);
339 hangul.combine.lr(209,102)(whatever,lixf,loxf);
340 tsu_render;
341 endtsuglyph;
342

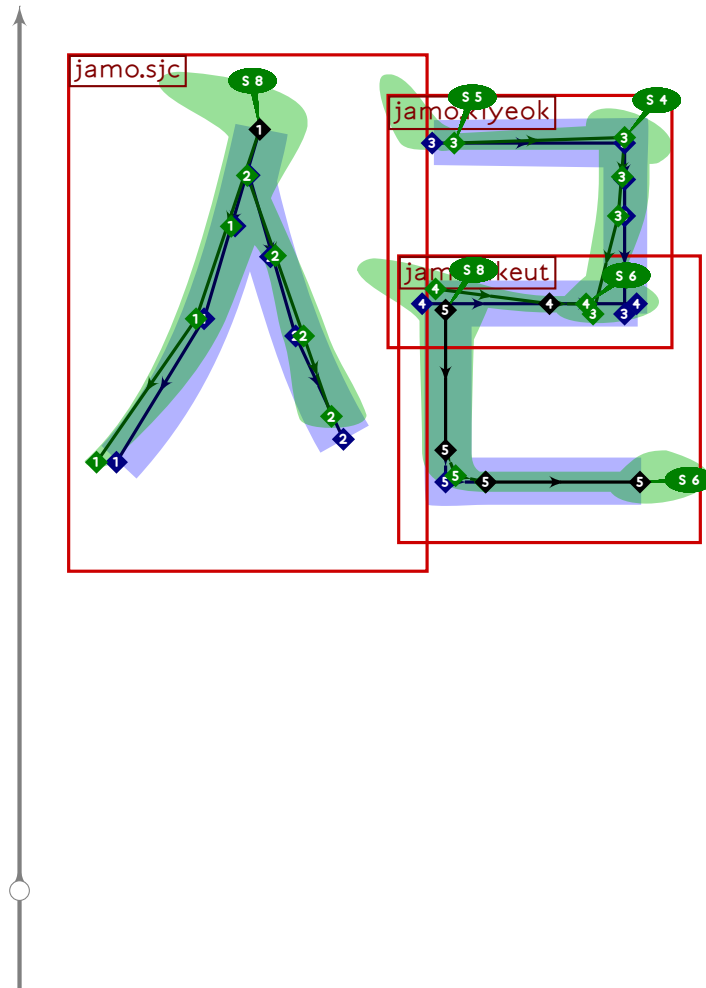
```

U+FF32F  
jieub.uni112F.lj1

FF3



```
343 % hangul lead sios-tikeut
344 begintsuglyph("uni112F.lj1";47);
345   hangul.combine.lr(209,103)(whatever,lixf,loxf);
346   tsu_render;
347 endtsuglyph;
348
```



FF3

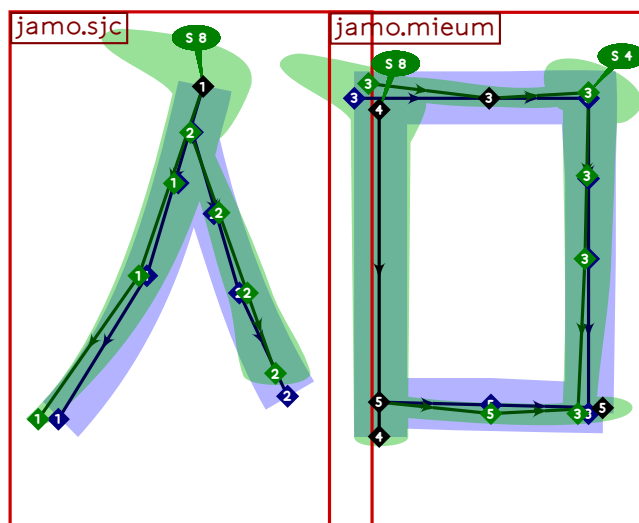
```

349 % hangul lead sios-rieul
350 begintsuglyph("uni1130.lj1";48);
351   hangul.combine.lr(209,105)(whatever,lixf,loxf);
352   tsu_render;
353 endsuglyph;
354

```

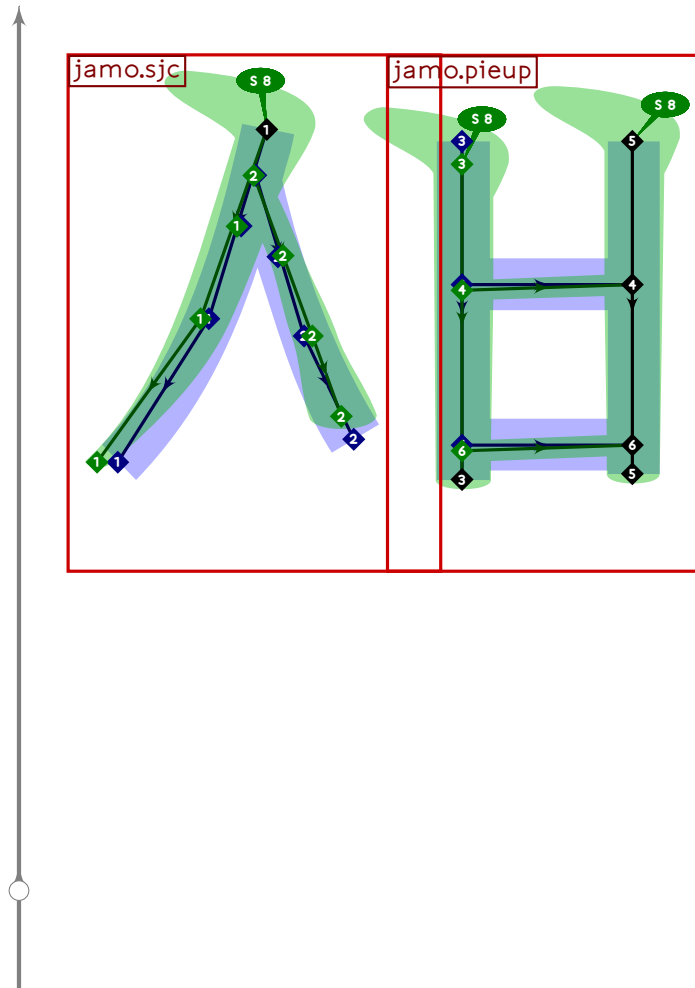
U+FF331  
jieub.uni1131.lj1

FF3



```
355 % hangul lead sios-mieum
356 begintsuglyph("uni1131.lj1";49);
357   hangul.combine.lr(209,106)(whatever,lixf,loxf);
358   tsu_render;
359 endtsuglyph;
360
```





FF3

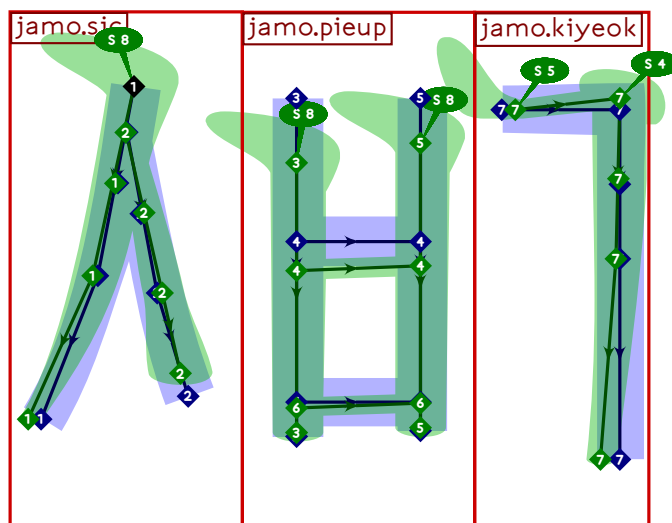
```

361 % hangul lead sios-pieup
362 begintsuglyph("uni1132.lj1";50);
363 hangul.combine.lr(209,107)(whatever,lixf,loxf);
364 tsu_render;
365 endtsuglyph;
366

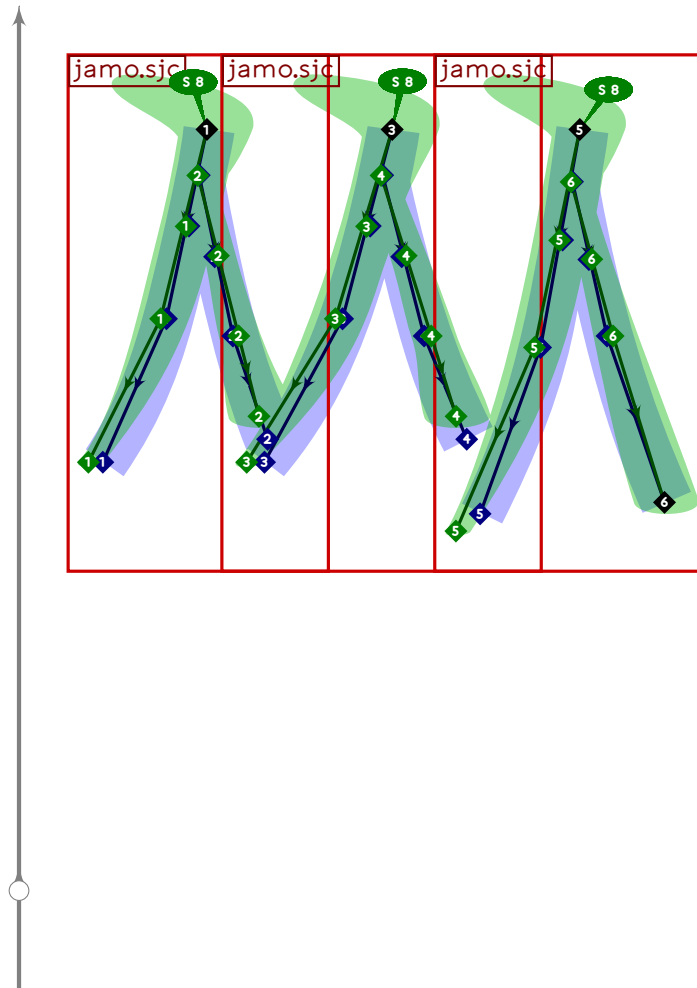
```

U+FF333  
jieub.uni1133.lj1

FF3



```
367 % hangul lead sios-pieup-kiyeok
368 begintsuglyph("uni1133.lj1";51);
369 hangul.combine.lcr(209,207,100)(whatever,lixf,loxf);
370 tsu_render;
371 endsuglyph;
372
```



FF3

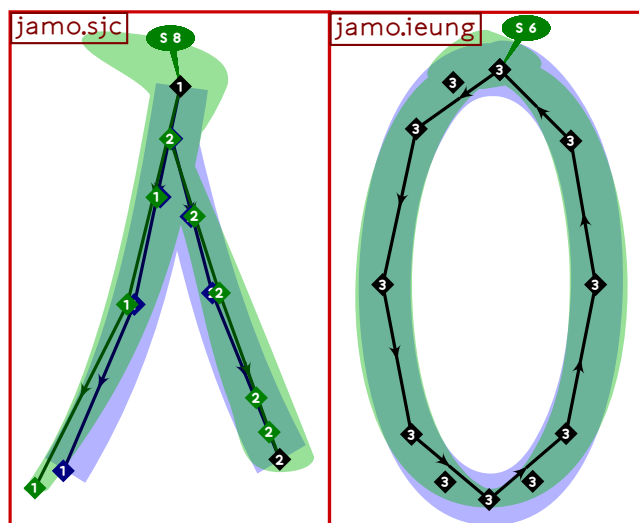
```

373 % hangul lead sios-sios-sios
374 begintsuglyph("uni1134.lj1";52);
375   hangul.combine.lcr(209,209,109)(whatever,lixf,loxf);
376   tsu_render;
377 endtsuglyph;
378

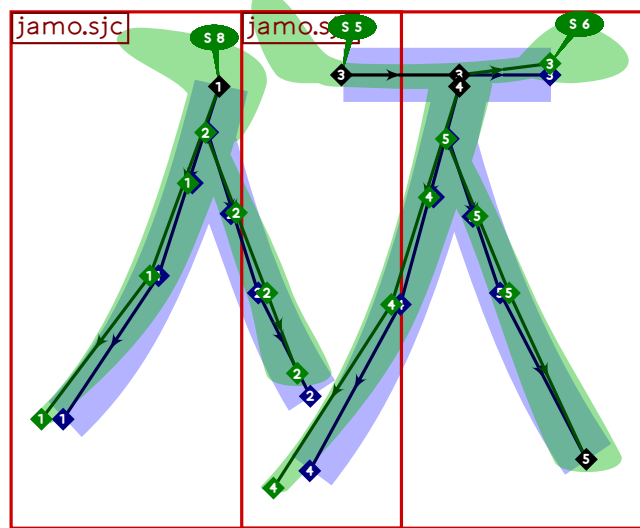
```

U+FF335  
jieub.uni1135.lj1

FF3



```
379 % hangul lead sios-ieung
380 begintsuglyph("uni1135.lj1";53);
381 hangul.combine.lr(109;111)(whatever;lixf,loxf);
382 tsu_render;
383 endsuglyph;
384
```



FF3

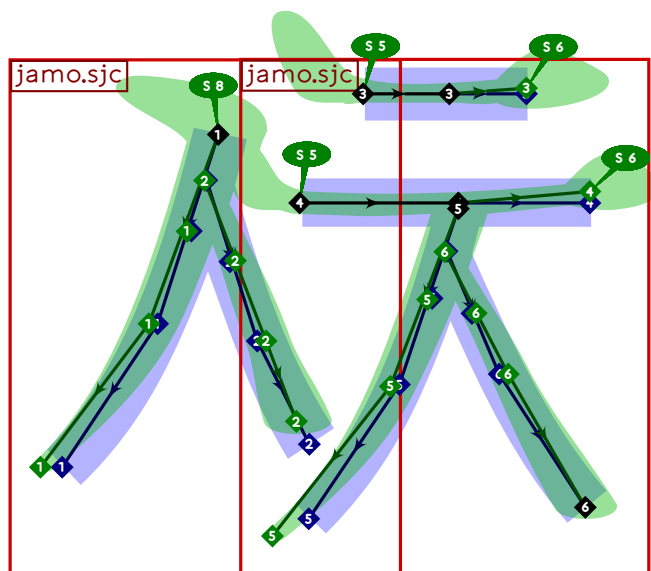
```

385 % hangul lead sios-cieuc
386 begintsuglyph("uni1136.lj1",54);
387   hangul.combine.lr(209,112)(whatever,lixf,loxf);
388   tsu_render;
389 endtsuglyph;
390

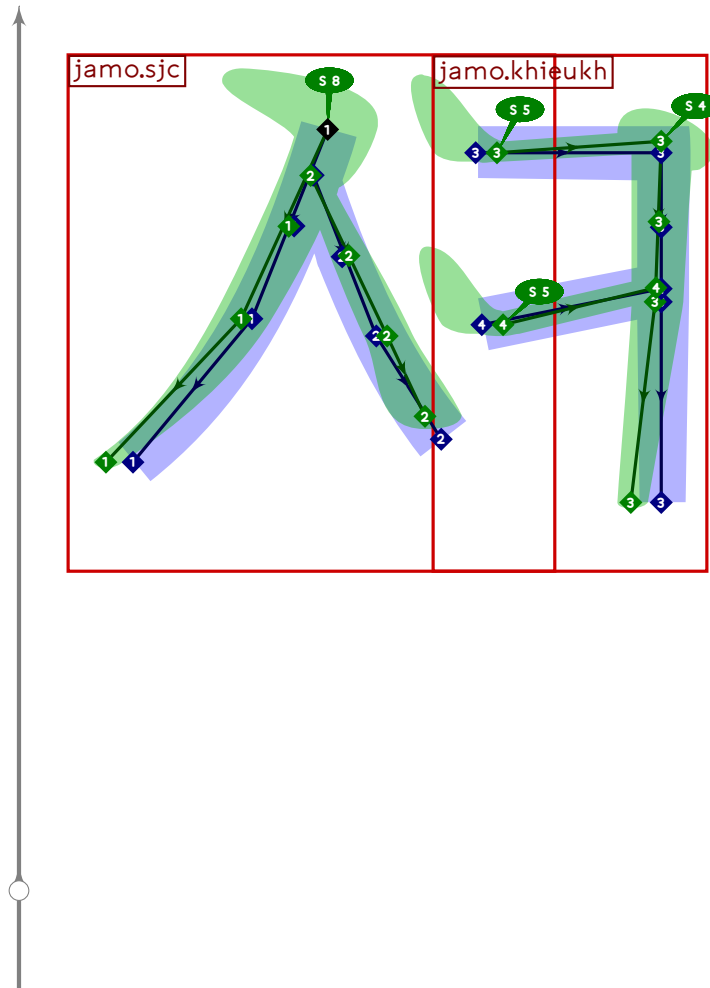
```

U+FF337  
jieub.uni1137.lj1

FF3



```
391 % hangul lead sios-chieuch
392 begintsuglyph("uni1137.lj1";55);
393   hangul.combine.lr(209,114)(whatever,lixf,loxf);
394   tsu_render;
395 endsuglyph;
396
```



FF3

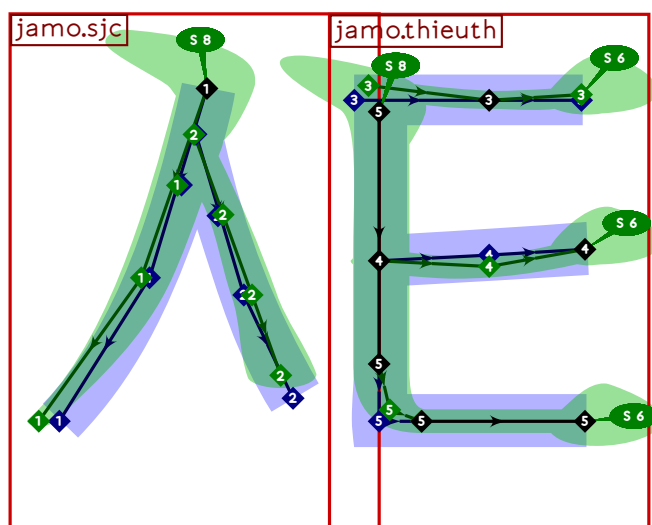
```

397 % hangul lead sios-khieukh
398 begintsuglyph("uni1138.lj1";56);
399 hangul.combine.lr(209,115)(whatever,lixf,loxf);
400 tsu_render;
401 endtsuglyph;
402

```

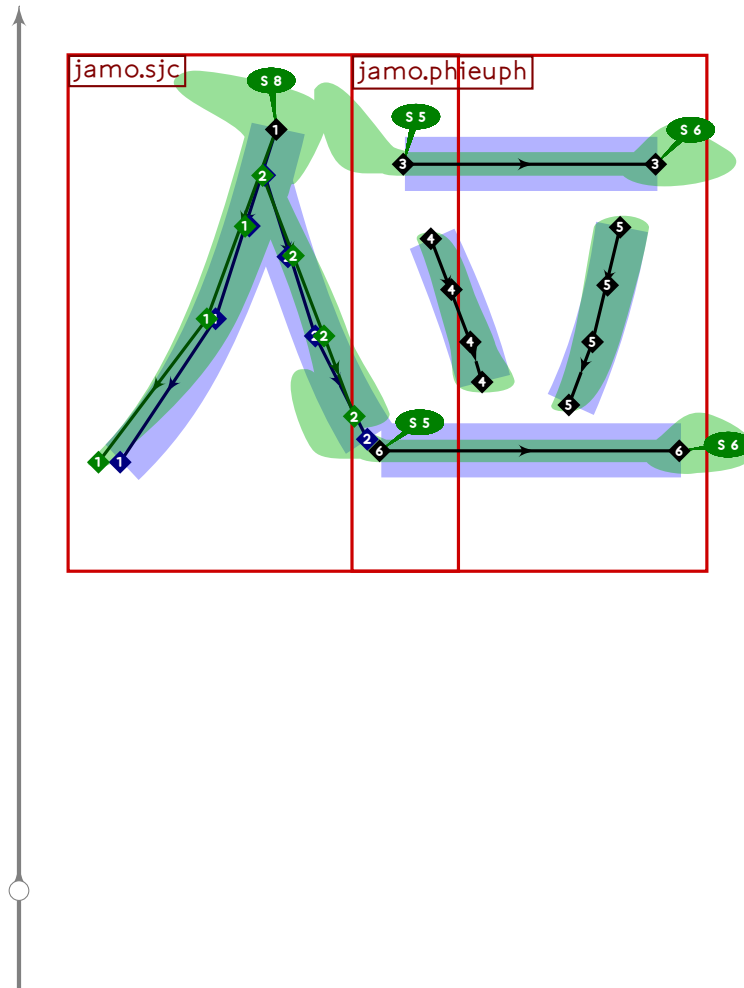
U+FF339  
jieub.uni1139.lj1

FF3



```
403 % hangul lead sios-thieuth
404 begintsuglyph("uni1139.lj1",57);
405 hangul.combine.lr(209,116)(whatever,lixf,loxf);
406 tsu_render;
407 endtsuglyph;
408
```





FF3

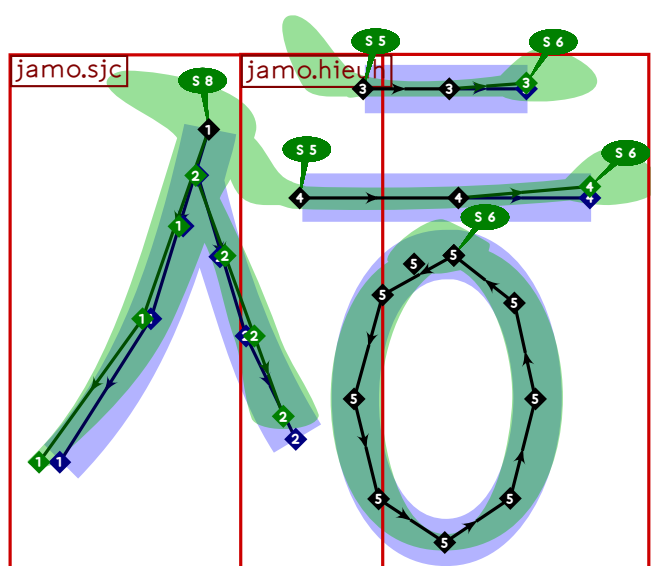
```

409 % hangul lead sios-phieuph
410 begintsuglyph("uni113A.lj1",58);
411 hangul.combine.lr(209,117)(whatever,lixf,loxf);
412 tsu_render;
413 endtsuglyph;
414

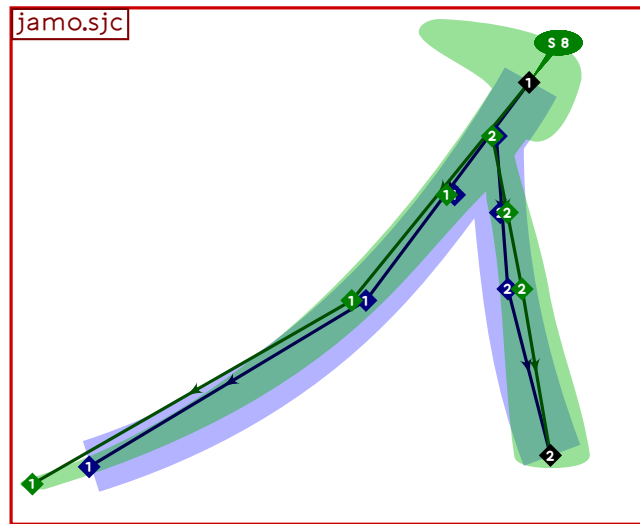
```

U+FF33B  
jieub.uni113B.lj1

FF3



```
415 % hangul lead sios-hieuh
416 begintsuglyph("uni113B.lj1";59);
417 hangul.combine.lr(209,118)(whatever,lixf,loxf);
418 tsu_render;
419 endtsuglyph;
420
```

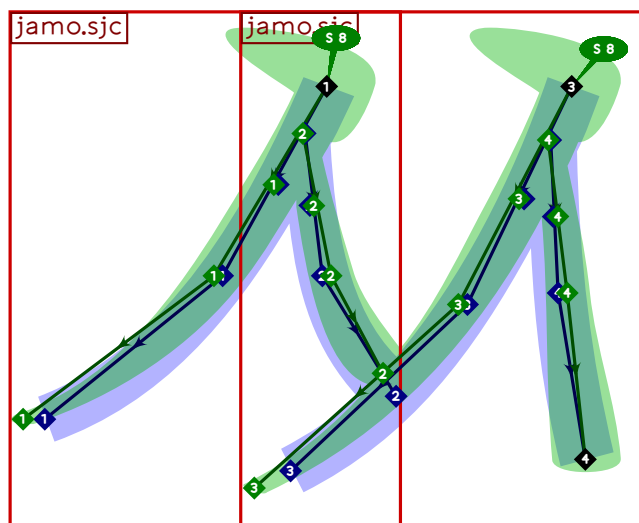


FF3

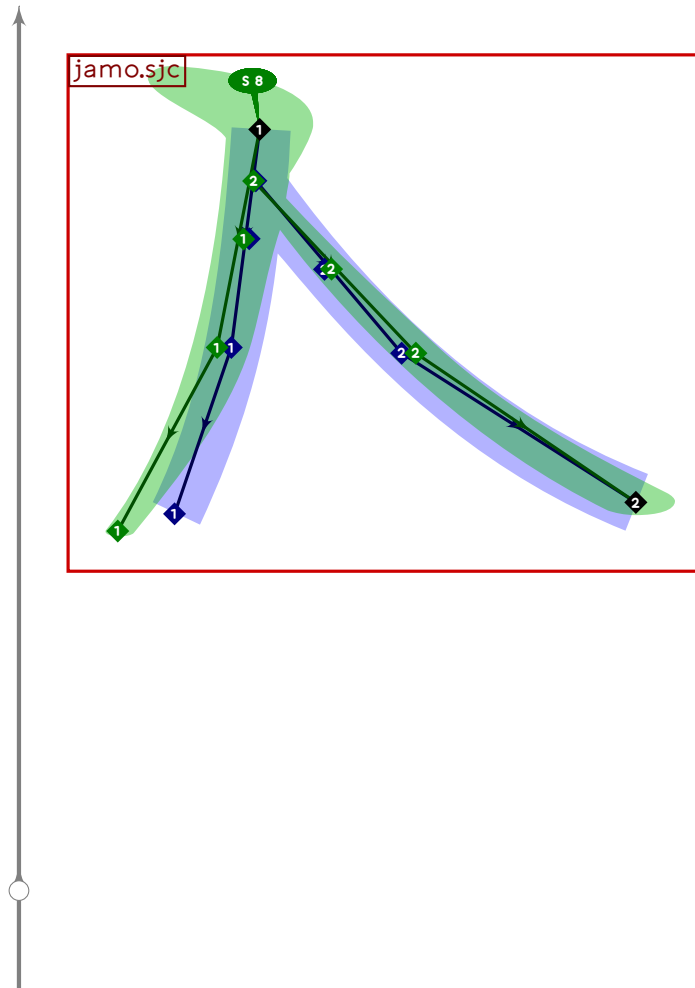
```
421 % hangul lead chitueumsios
422 begintsuglyph("uni113C.lj1",60);
423   hangul.jamo.sjc(0,1,false)(whatever,lixf,loxf);
424   tsu_render;
425 endsuglyph;
426
```

U+FF33D  
jieub.uni113D.lj1

FF3



```
427 % hangul lead chitueumssangsios
428 begintsuglyph("uni113D.lj1",61);
429 hangul.combine.lr(223,222)(whatever,lixf,loxf);
430 tsu_render;
431 endtsuglyph;
432
```



FF3

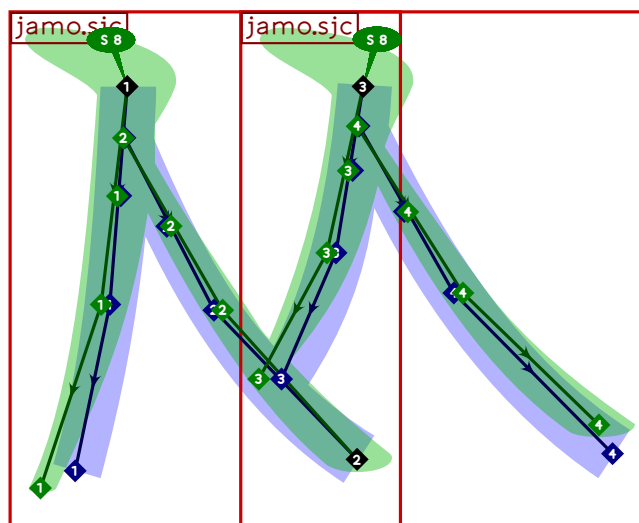
```

433 % hangul lead ceongchieumsios
434 begintsuglyph("uni113E.lj1",62);
435   hangul.jamo.sjc(0,-1,false)(whatever,lixf,loxf);
436   tsu_render;
437 endsuglyph;
438

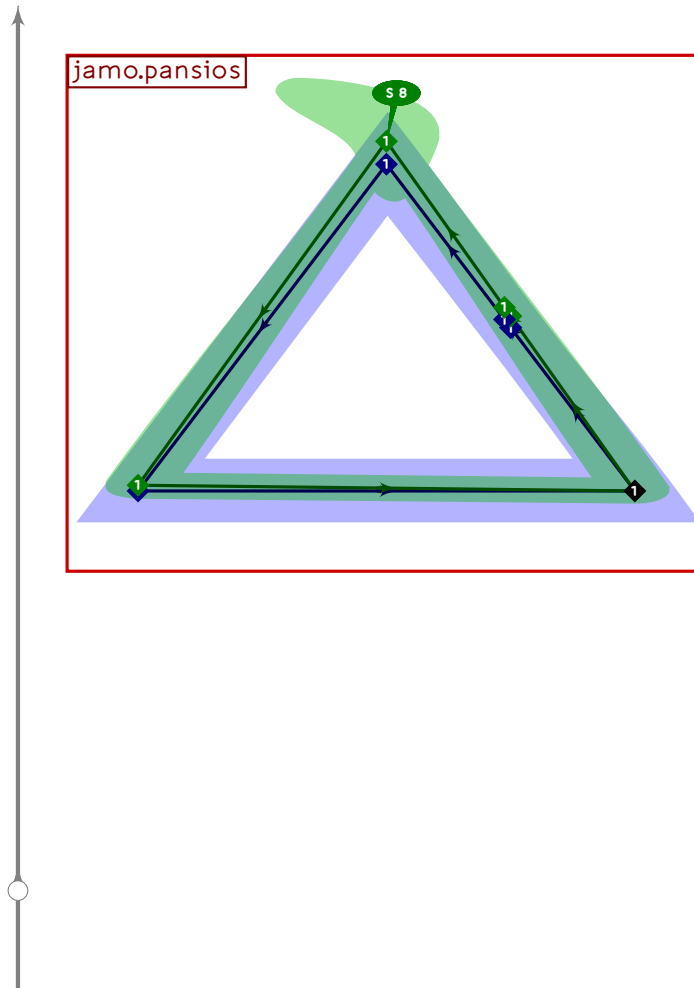
```

U+FF33F  
jieub.uni113F.lj1

FF3



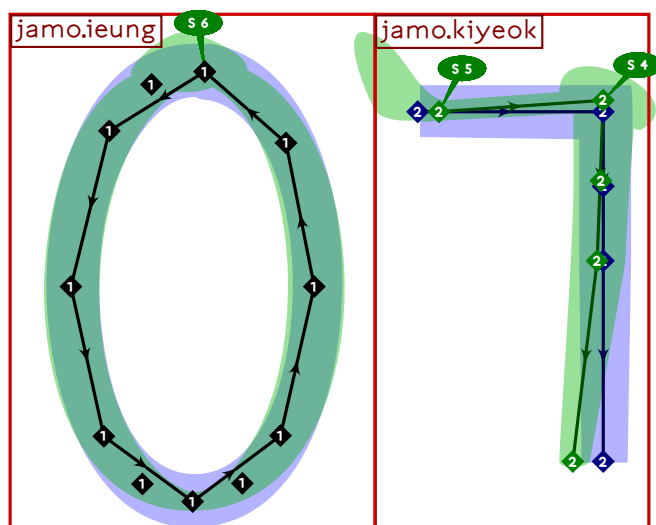
```
439 % hangul lead ceongchieumssangsios
440 begintsuglyph("uni113F.lj1",63);
441   hangul.combine.lr(224,225)(whatever,lixf,loxf);
442   tsu_render;
443 endsuglyph;
444
```



```
445 % hangul lead pansios
446 begintsuglyph("uni1140.lj1",64);
447 hangul.jamo.pansios(whatever,lixf,loxf);
448 tsu_render;
449 endsuglyph;
450
```

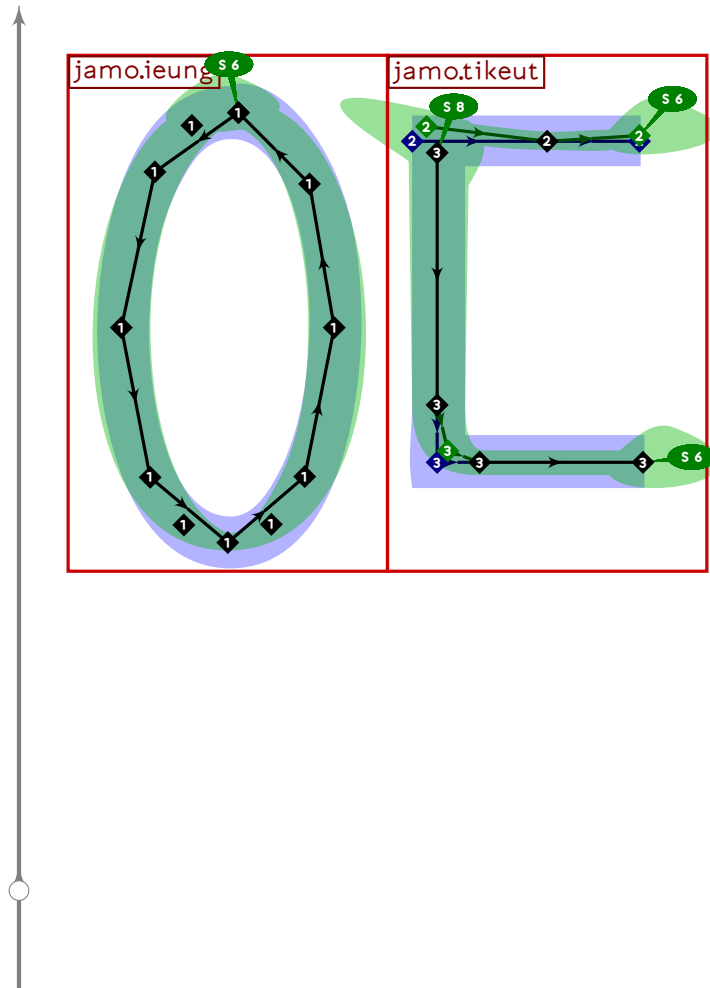
U+FF341  
jieub.uni1141.lj1

FF3



```
451 % hangul lead ieung-kiyeok
452 begintsuglyph("uni1141.lj1",65);
453   hangul.combine.lr(111,100)(whatever,lixf,loxf);
454   tsu_render;
455 endtsuglyph;
456
```





```

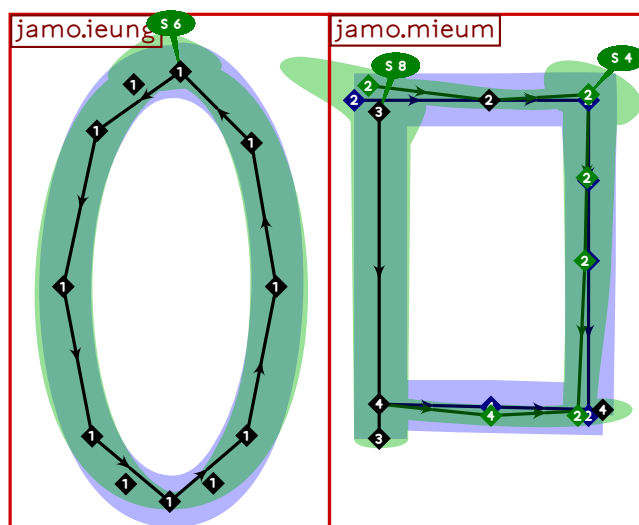
457 % hangul lead ieung-tikeut
458 begintsuglyph("uni1142.lj1",66);
459 hangul.combine.lr(111,103)(whatever,lixf,loxf);
460 tsu_render;
461 endsuglyph;
462

```

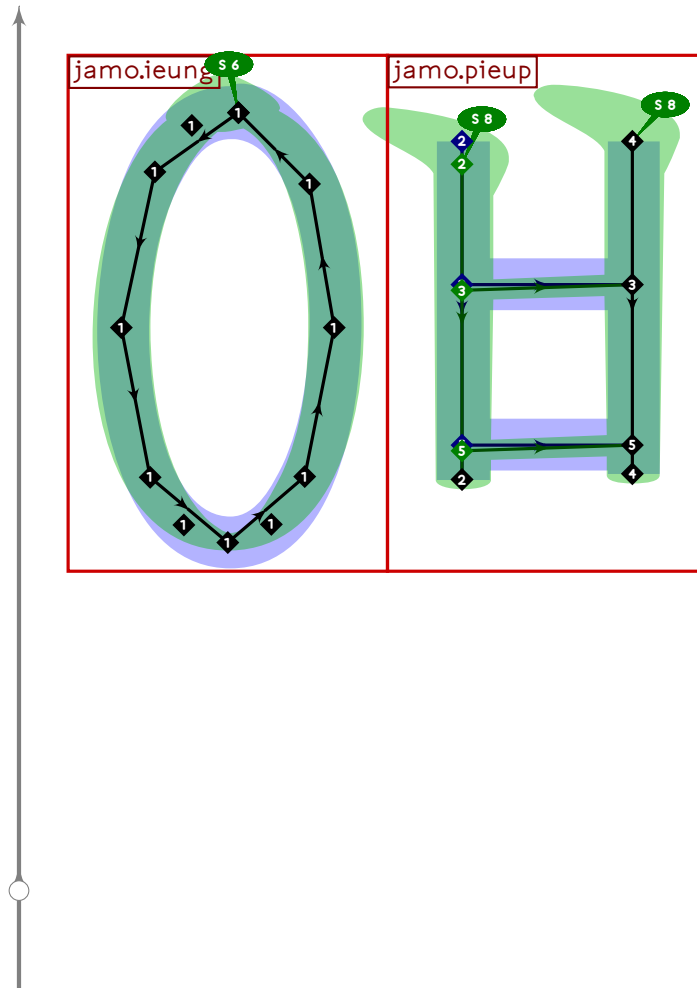
FF3

U+FF343  
jieub.uni1143.lj1

FF3



```
463 % hangul lead ieung-mieum
464 begintsuglyph("uni1143.lj1";67);
465 hangul.combine.lr(111,106)(whatever,lixf,loxf);
466 tsu_render;
467 endtsuglyph;
468
```



FF3

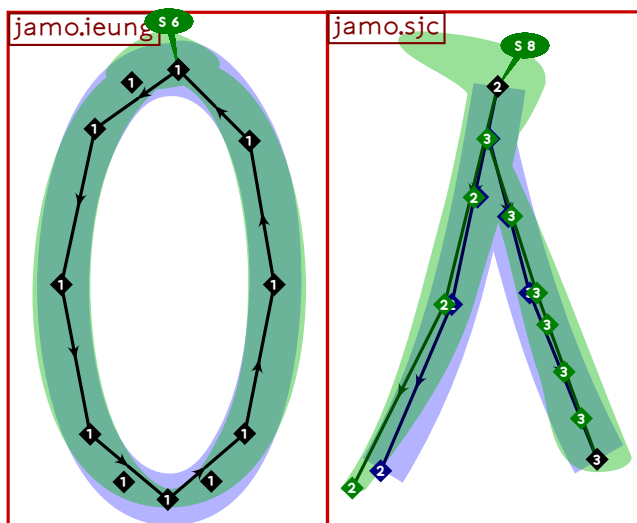
```

469 % hangul lead ieung-pieup
470 begintsuglyph("uni1144.lj1",68);
471 hangul.combine.lr(111,107)(whatever,lixf,loxf);
472 tsu_render;
473 endsuglyph;
474

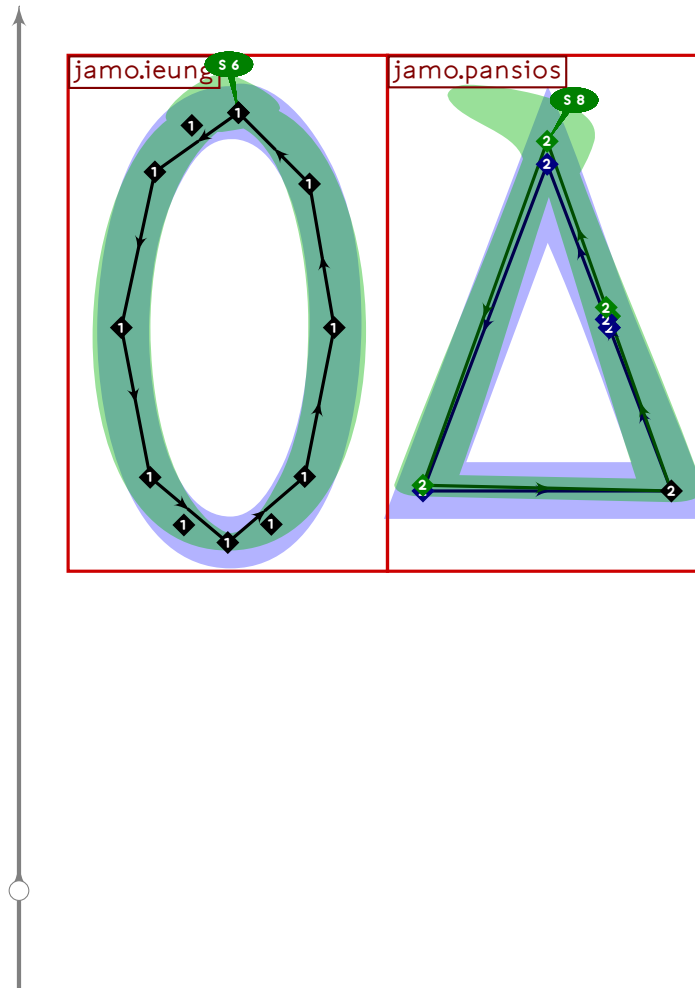
```

U+FF345  
jieub.uni1145.lj1

FF3



```
475 % hangul lead ieung-sios
476 begintsuglyph("uni1145.lj1",69);
477   hangul.combine.lr(111,109)(whatever,lixf,loxf);
478   tsu_render;
479 endtsuglyph;
480
```



FF3

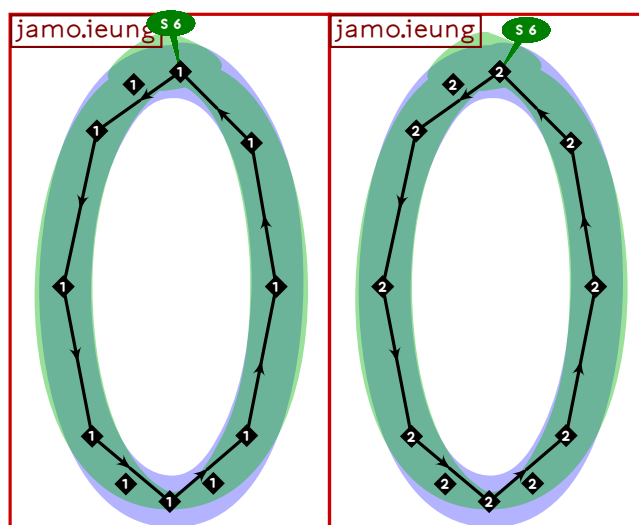
```

481 % hangul lead ieung-pansios
482 begintsuglyph("uni1146.lj1";70);
483   hangul.combine.lr(111,219)(whatever,lixf,loxf);
484   tsu_render;
485 endsuglyph;
486

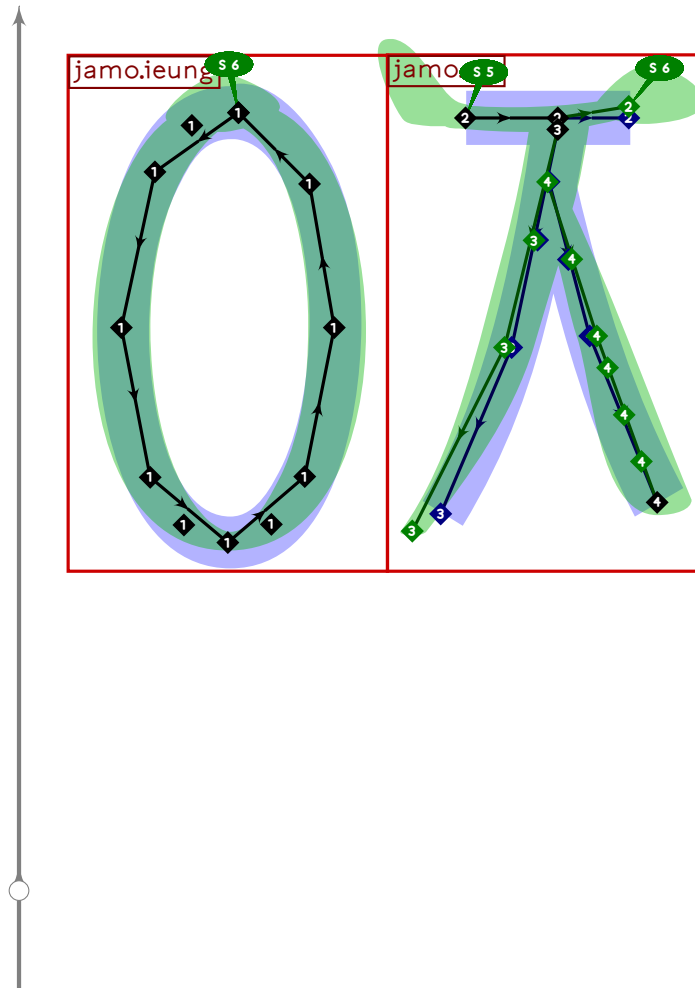
```

U+FF347  
jieub.uni1147.lj1

FF3



```
487 % hangul lead ssangieung
488 begintsuglyph("uni1147.lj1";71);
489 hangul.combine.lr(111,111)(whatever,lixf,loxf);
490 tsu_render;
491 endtsuglyph;
492
```



FF3

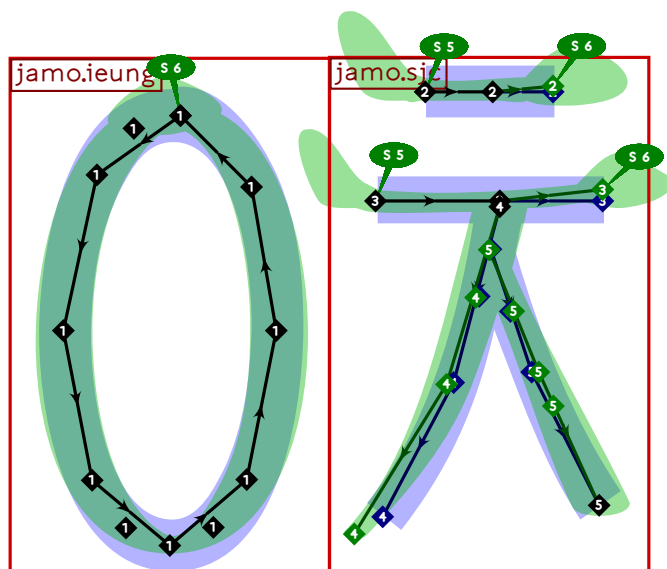
```

493 % hangul lead ieung-cieuc
494 begintsuglyph("uni1148.lj1";72);
495   hangul.combine.lr(111,112)(whatever,lixf,loxf);
496   tsu_render;
497 endtsuglyph;
498

```

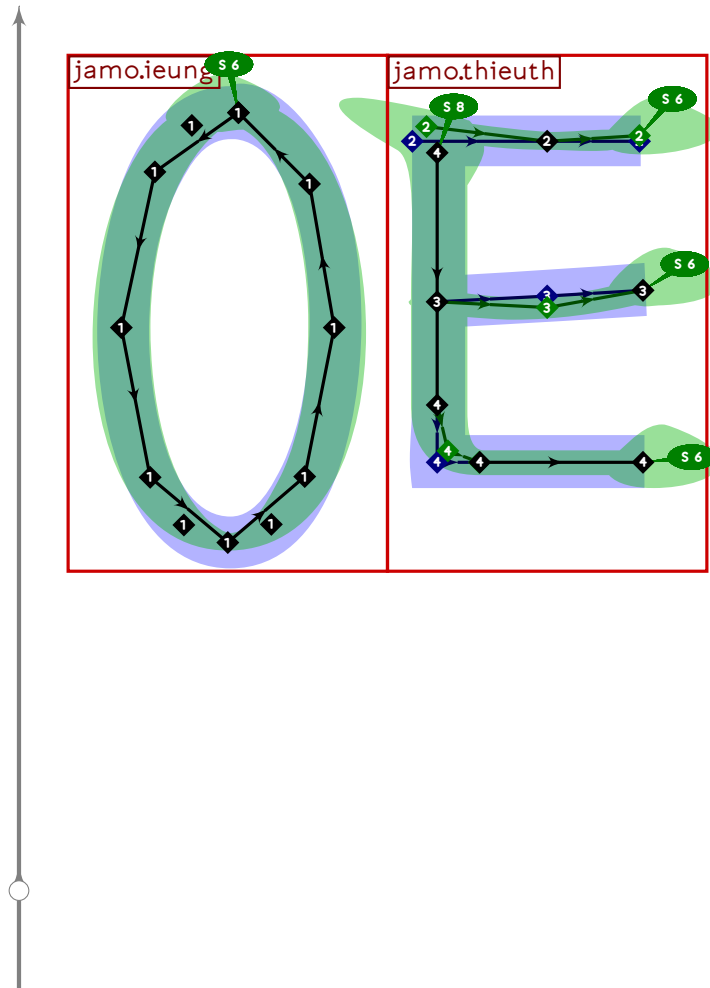
U+FF349  
jieub.uni1149.lj1

FF3



```
499 % hangul lead ieung-chieuch
500 beginsuglyph("uni1149.lj1",73);
501   hangul.combine.lr(111,114)(whatever,lixf,loxf);
502   tsu_render;
503 endsuglyph;
504
```





FF3

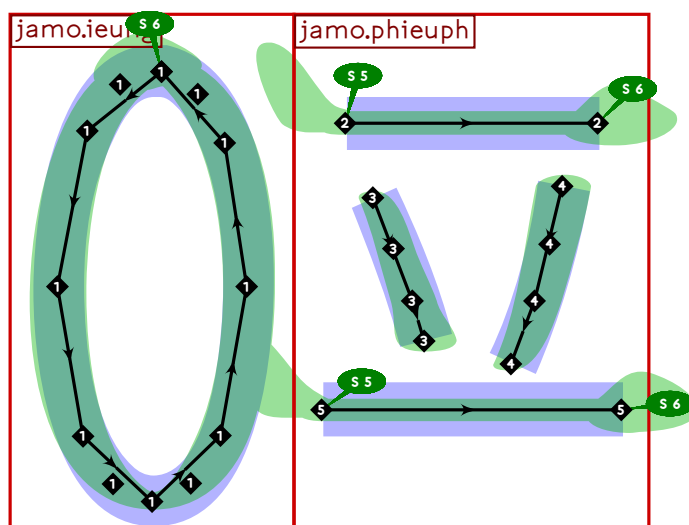
```

505 % hangul lead ieung-theiuth
506 begintsuglyph("uni114A.lj1";74);
507   hangul.combine.lr(111,116)(whatever,lixf,loxf);
508   tsu_render;
509 endtsuglyph;
510

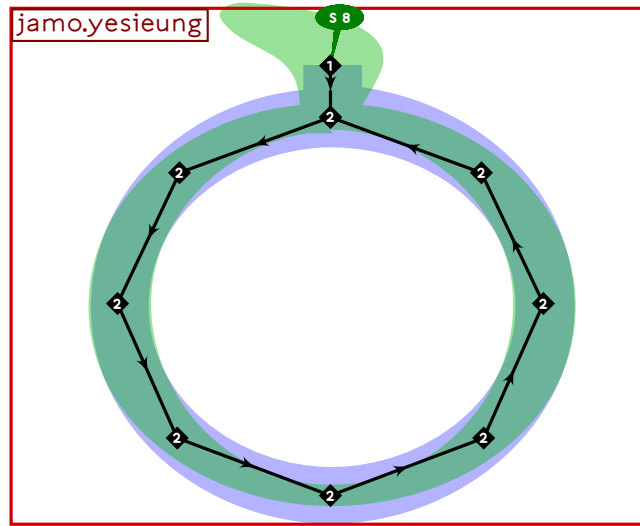
```

U+FF34B  
jieub.uni114B.lj1

FF3



```
511 % hangul lead ieung-phieuph
512 begintsuglyph("uni114B.lj1";75);
513   hangul.combine.lr(111,117)(whatever,lixf,loxf);
514   tsu_render;
515 endtsuglyph;
516
```

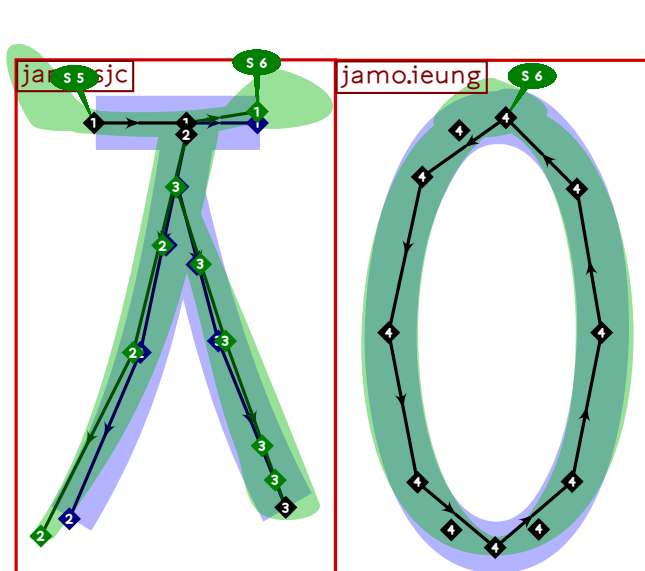


FF3

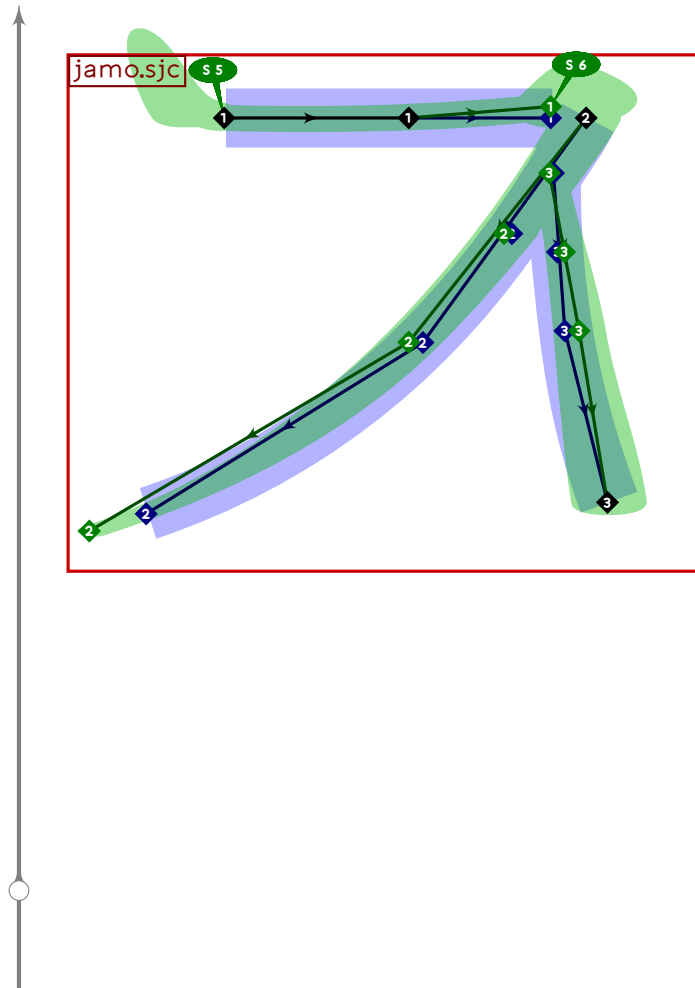
```
517 % hangul lead yesieung
518 beginsuglyph("uni114C.lj1";76);
519   hangul.jamo.yesieung(whatever,lixf,loxf);
520   tsu_render;
521 endsuglyph;
522
```

U+FF34D  
jieub.uni114D.lj1

FF3



```
523 % hangul lead cieuc-ieung
524 beginsuglyph("uni114D.lj1";77);
525   hangul.combine.lr(112,111)(whatever,lixf,loxf);
526   tsu_render;
527 endsuglyph;
528
```



FF3

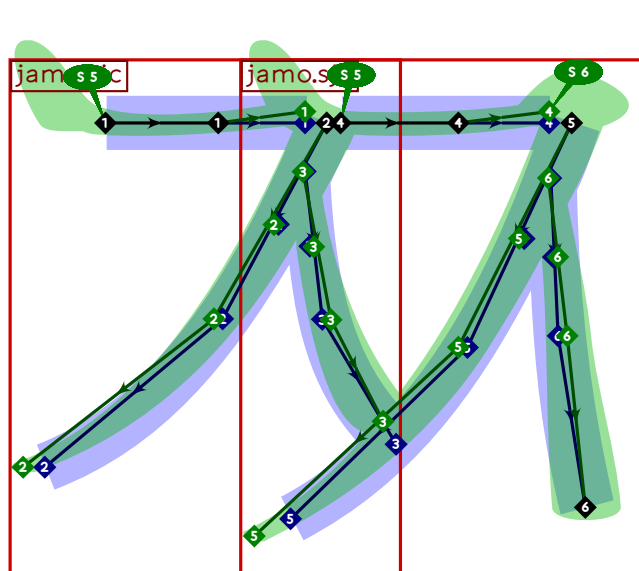
```

529 % hangul lead chitueumcieuc
530 begintsuglyph("uni114E.lj1",78);
531   hangul.jamo.sjc(1,1,false)(whatever,lixf,loxf);
532   tsu_render;
533 endsuglyph;
534

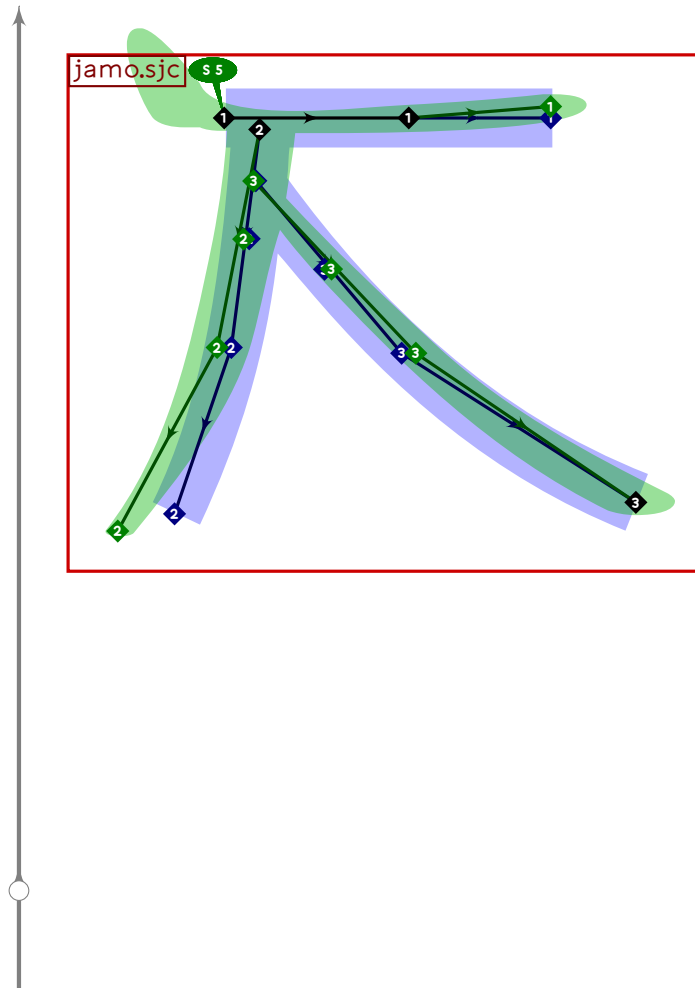
```

U+FF34F  
jieub.uni114F.lj1

FF3



```
535 % hangul lead chitueumssangcieuc
536 begintsuglyph("uni114F.lj1";79);
537   hangul.combine.lr(227,226)(whatever,lixf,loxf);
538   tsu_render;
539 endtsuglyph;
540
```



FF3

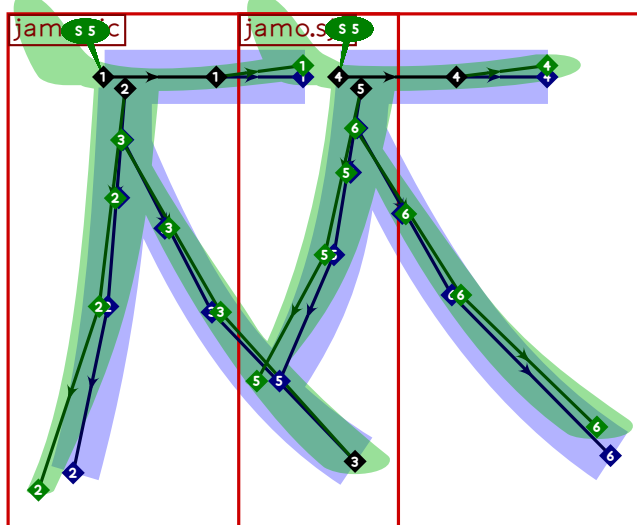
```

541 % hangul lead ceongchieumcieuc
542 begintsuglyph("uni1150.lj1";80);
543   hangul.jamo.sjc(1,-1,false)(whatever,lixf,loxf);
544   tsu_render;
545 endsuglyph;
546

```

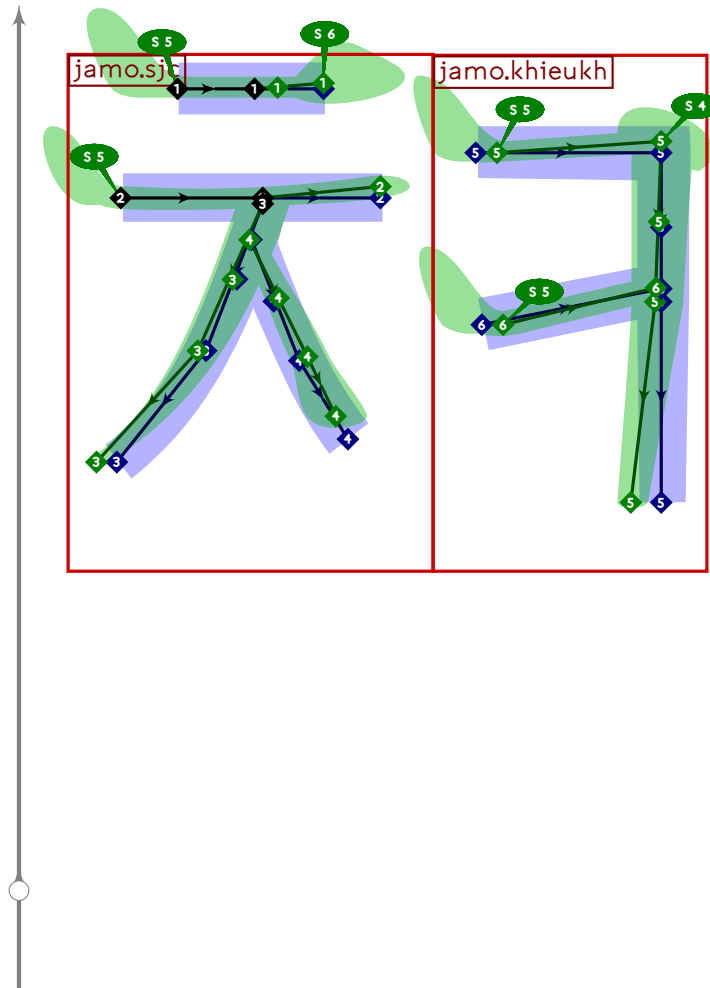
U+FF351  
jieub.uni1151.lj1

FF3



```
547 % hangul lead ceongchieumssangcieuc
548 begintsuglyph("uni1151.lj1";81);
549   hangul.combine.lr(228,229)(whatever,lixf,loxf);
550   tsu_render;
551 endtsuglyph;
552
```





FF3

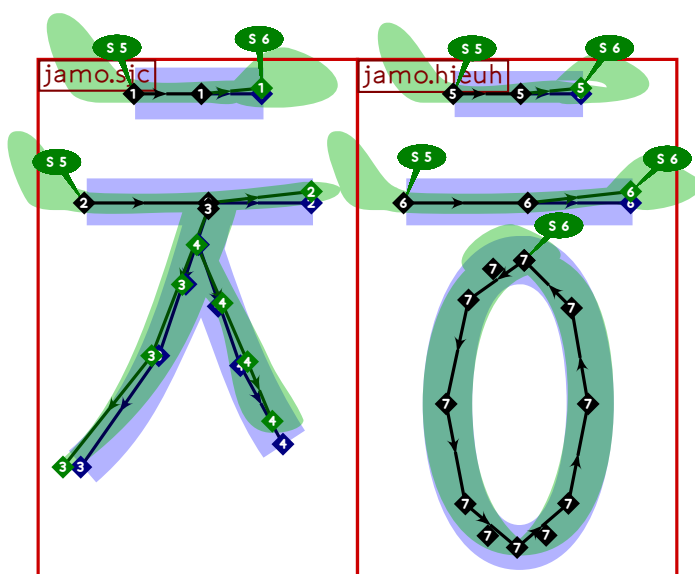
```

553 % hangul lead chieuch-khieukh
554 begint Suglyph("uni1152.lj1";82);
555   hangul.combine.lcr(214,230,115)(whatever,lixf,loxf);
556   tsu_render;
557 endtsuglyph;
558

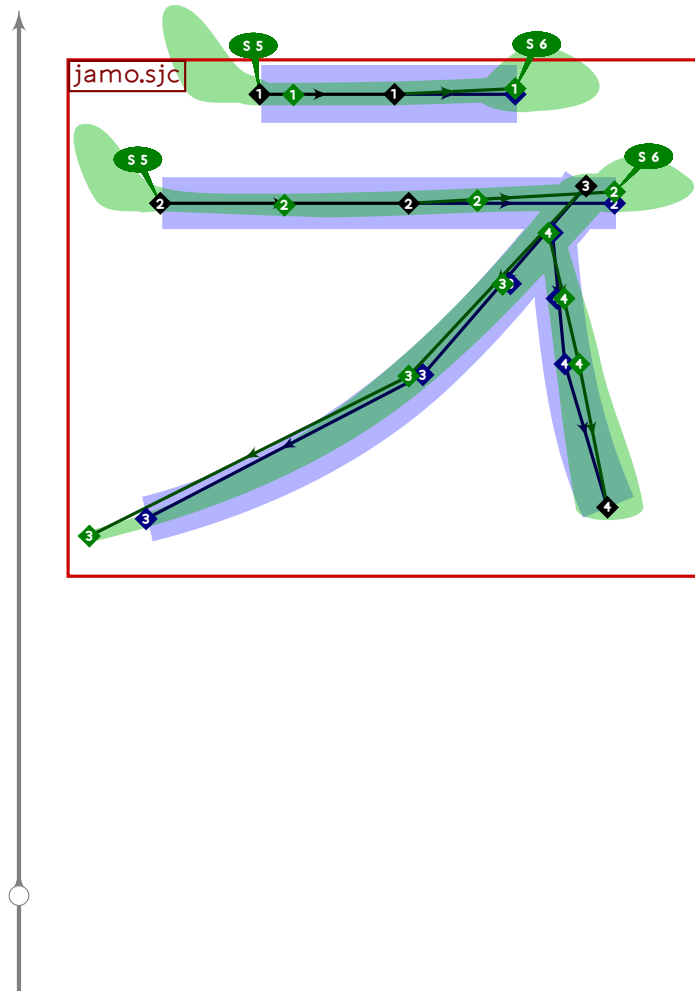
```

U+FF353  
jieub.uni1153.lj1

FF3



```
559 % hangul lead chieuch-hieuh
560 begintsuglyph("uni1153.lj1";83);
561 hangul.combine.lcr(214,230,118)(whatever,lixf,loxf);
562 tsu_render;
563 endtsuglyph;
564
```



FF3

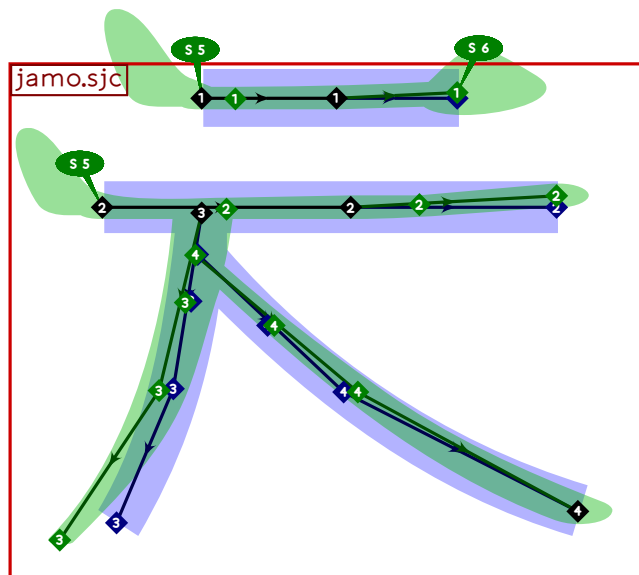
```

565 % hangul lead chitueumcieuc
566 begintsuglyph("uni1154.lj1",84);
567   hangul.jamo.sjc(2,1,false)(whatever,lixf,loxf);
568   tsu_render;
569 endsuglyph;
570

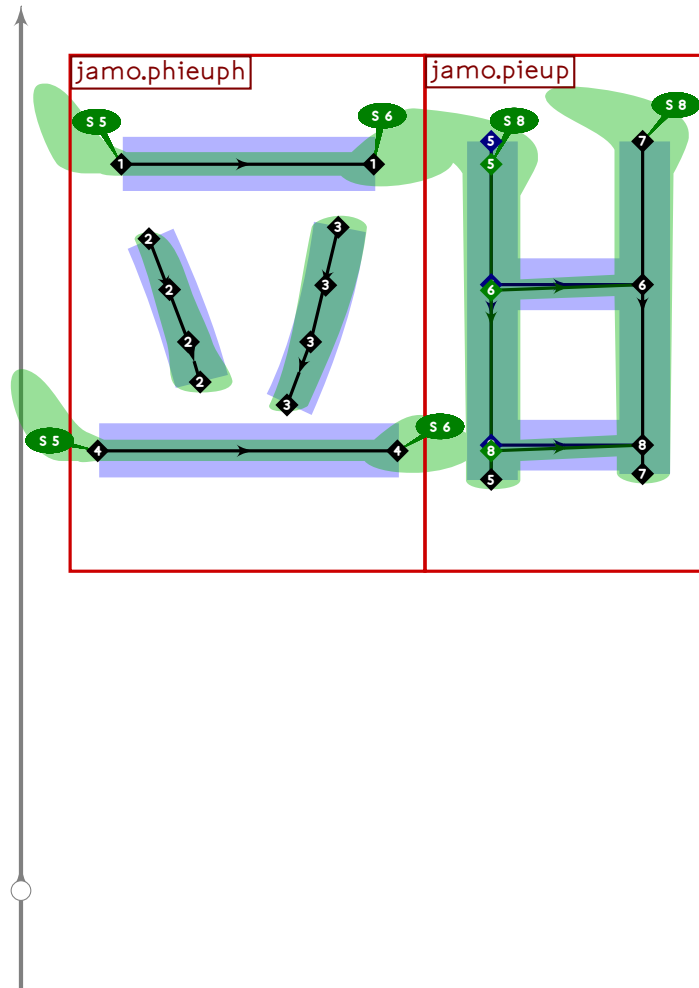
```

U+FF355  
jieub.uni1155.lj1

FF3



```
571 % hangul lead ceongchieumcieuc
572 begintsuglyph("uni1155.lj1";85);
573   hangul.jamo.sjc(2,-1,false)(whatever,lixf,loxf);
574   tsu_render;
575 endtsuglyph;
576
```



FF3

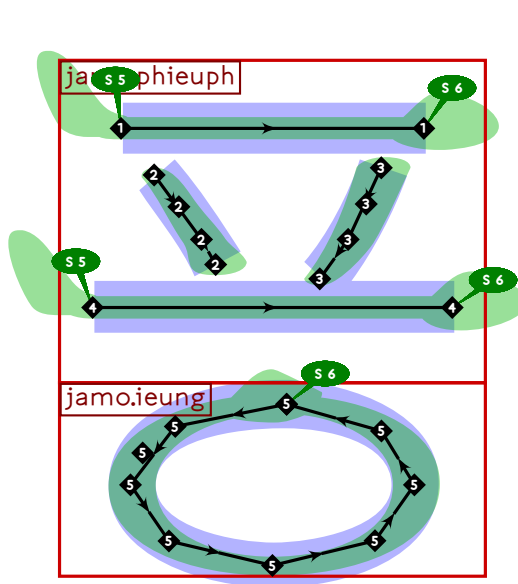
```

577 % hangul lead phieuph-pieup
578 begintsuglyph("uni1156.lj1";86);
579 hangul.combine.lr(117,107)(whatever,lixf,loxf);
580 tsu_render;
581 endtsuglyph;
582

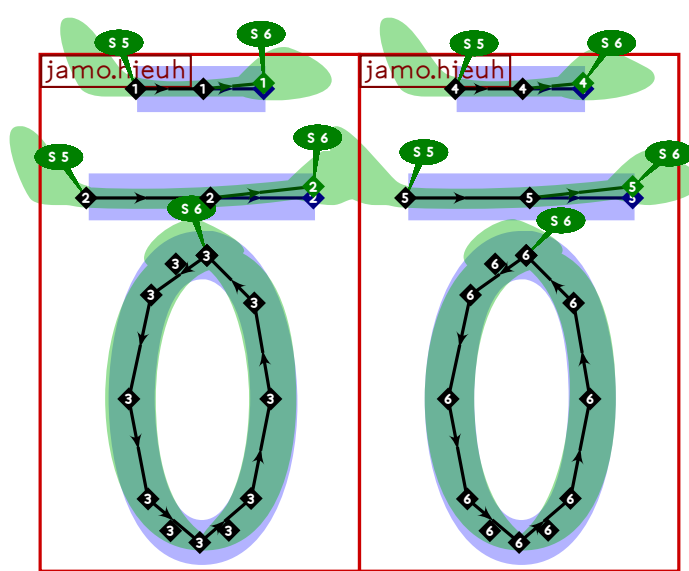
```

U+FF357  
jieub.uni1157.lj1

FF3



```
583 % hangul lead kapyeounphieuph
584 begintsuglyph("uni1157.lj1";87);
585   hangul.combine.tb(117,521)(whatever,
586     hxf((250,850),(850,-50)) transformed lixf,loxf);
587   tsu_render;
588 endtsuglyph;
589
```



FF3

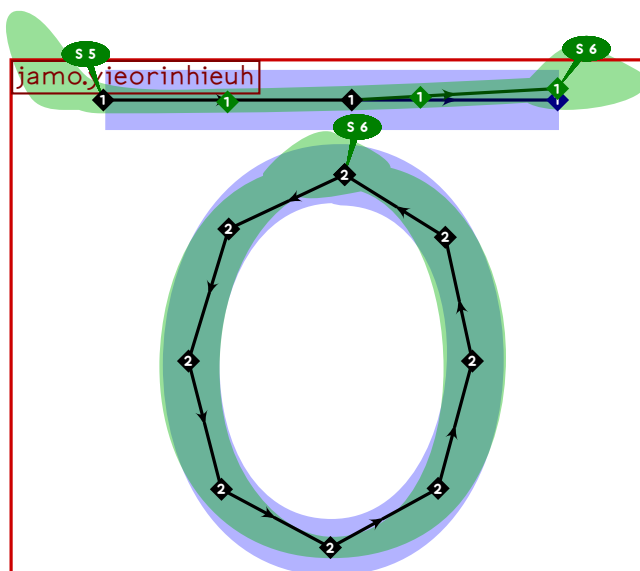
```

590 % hangul lead ssanghieuh
591 begintsuglyph("uni1158.lj1";88);
592 hangul.combine.lcr(118,230,118)(whatever,lixf,loxf);
593 tsu_render;
594 endtsuglyph;
595

```

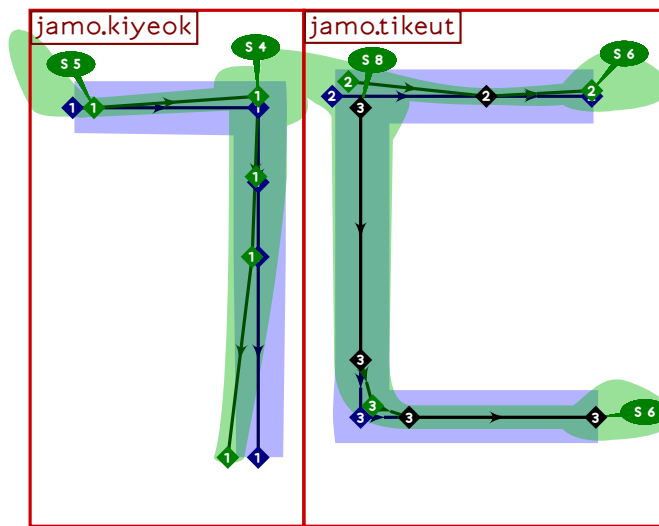
U+FF359  
jieub.uni1159.lj1

FF3



```
596 % hangul lead yeorinhieuh
597 begintsuglyph("uni1159.lj1",89);
598   hangul.jamo.yeorinhieuh(whatever,lixf,loxf);
599   tsu_render;
600 endtsuglyph;
601
```





FF3

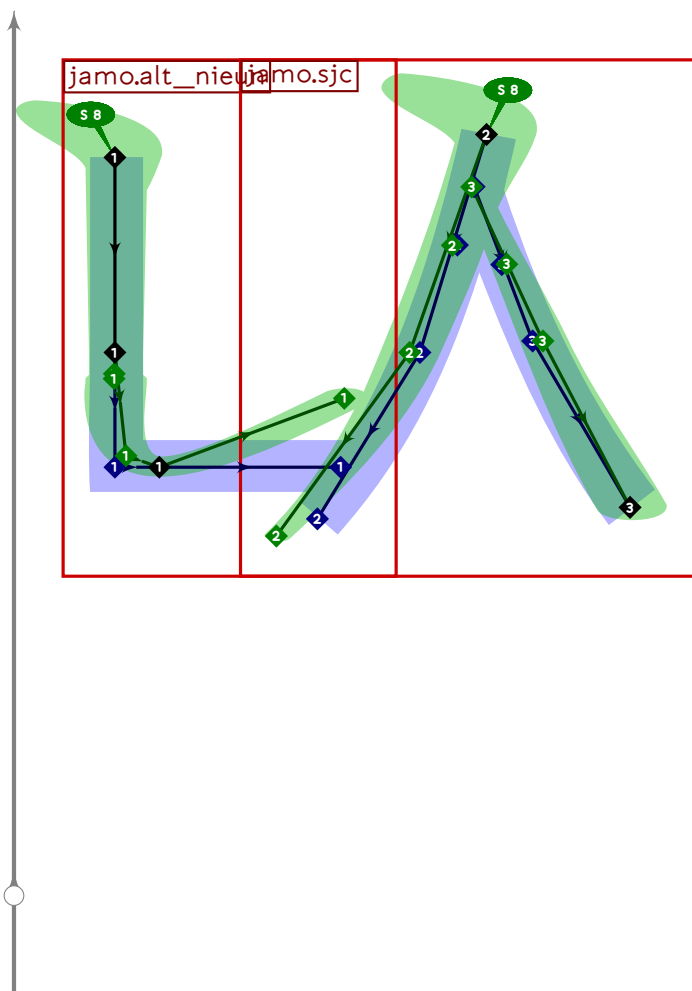
```

602 % hangul lead kiyeok-tikeut
603 begintsuglyph("uni115A.lj1";90);
604   hangul.combine.lr(100,103)(whatever,lixf,loxf);
605   tsu_render;
606 endtsuglyph;
607

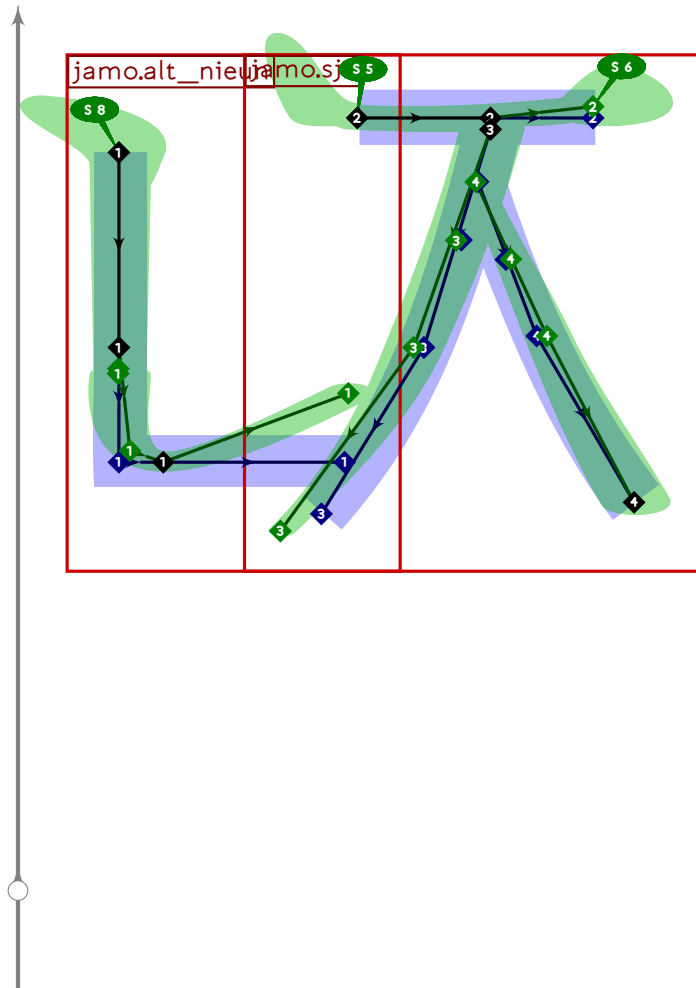
```

U+FF35B  
jieub.uni115B.lj1

FF3



```
608 % hangul lead nieun-sios
609 begintsuglyph("uni115B.lj1";91);
610 hangul.combine.lr(202,109)(whatever,lixf,loxf);
611 tsu_render;
612 endtsuglyph;
613
```



FF3

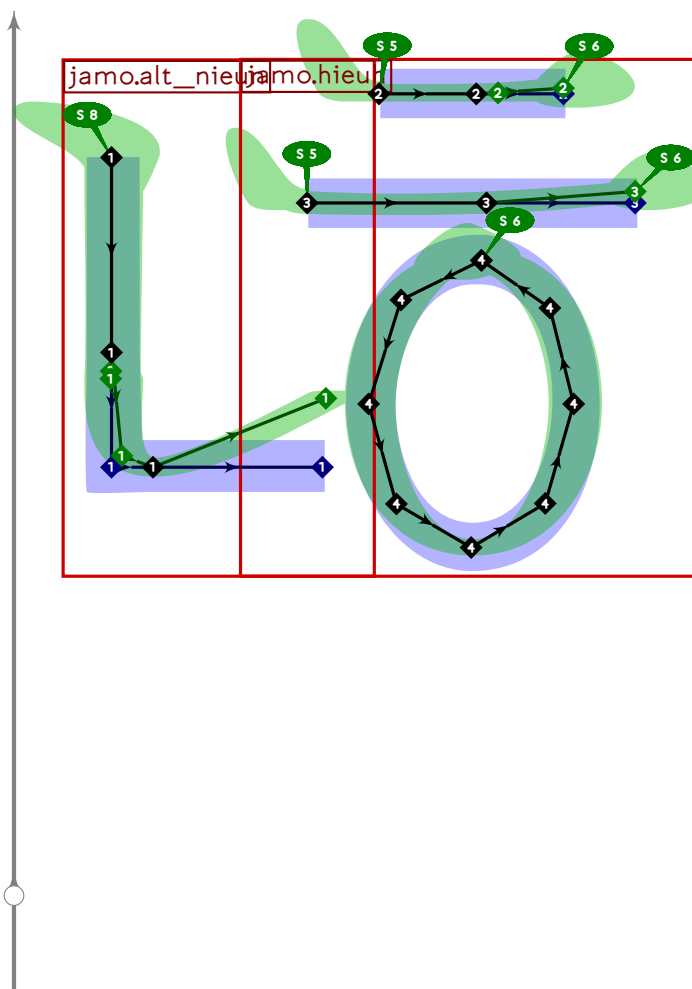
```

614 % hangul lead nieun-cieuc
615 begintsuglyph("uni115C.lj1";92);
616   hangul.combine.lr(202,112)(whatever,lixf,loxf);
617   tsu_render;
618 endsuglyph;
619

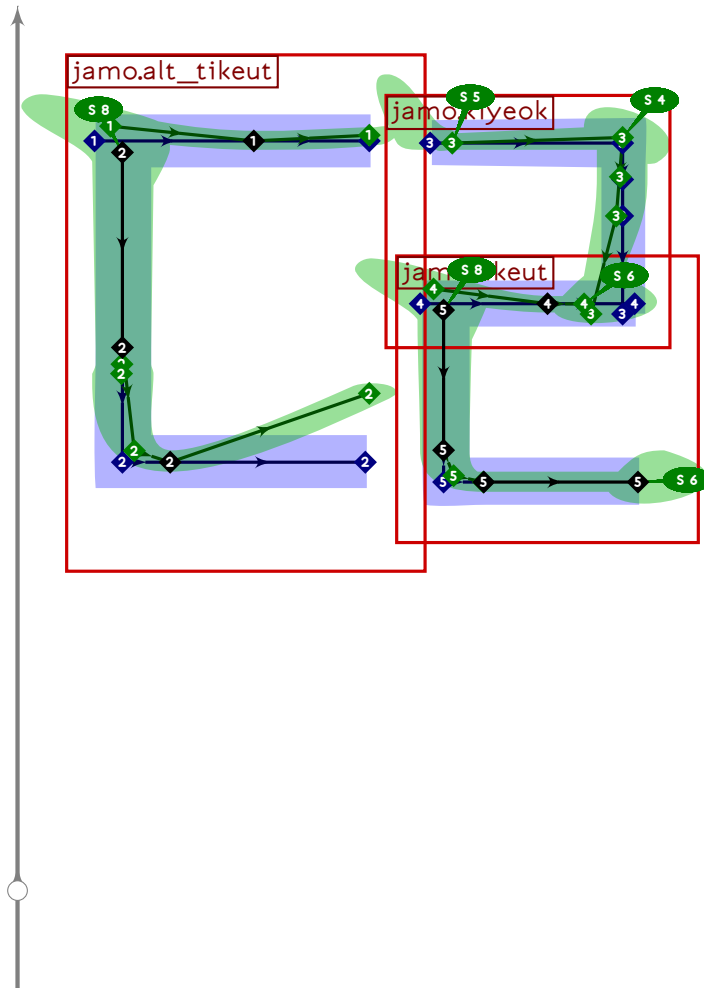
```

U+FF35D  
jieub.uni115D.lj1

FF3



```
620 % hangul lead nieun-hieuh
621 begintsuglyph("uni115D.lj1";93);
622   hangul.combine.lr(202,118)(whatever,lixf,loxf);
623   tsu_render;
624 endtsuglyph;
625
```



FF3

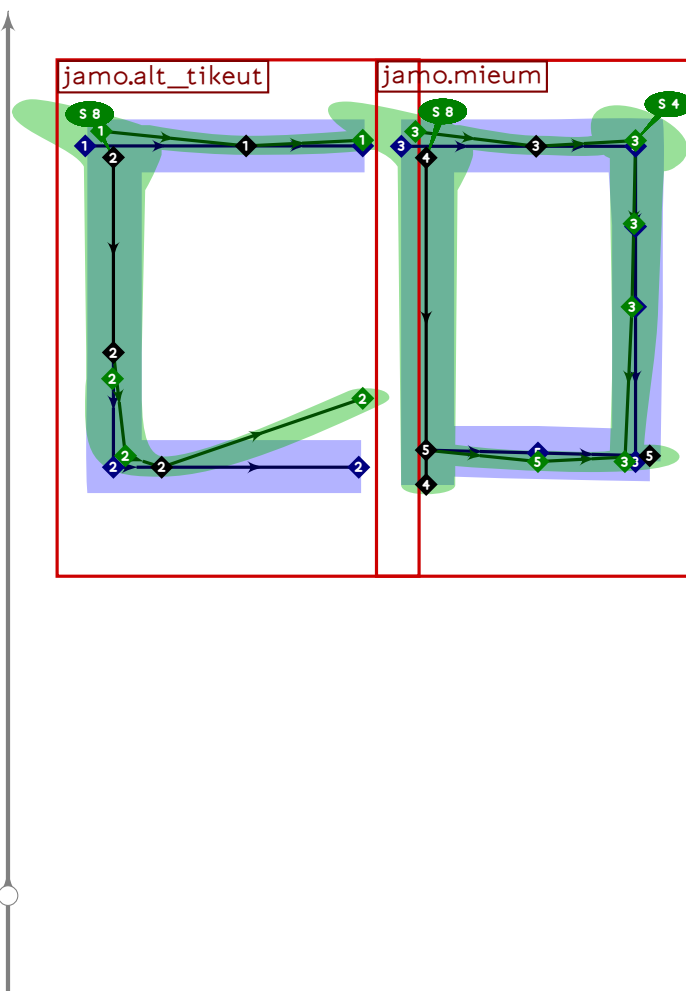
```

626 % hangul lead tikeut-rieul
627 begintsuglyph("uni115E.lj1";94);
628 hangul.combine.lr(203,105)(whatever,lixf,loxf);
629 tsu_render;
630 endsuglyph;
631

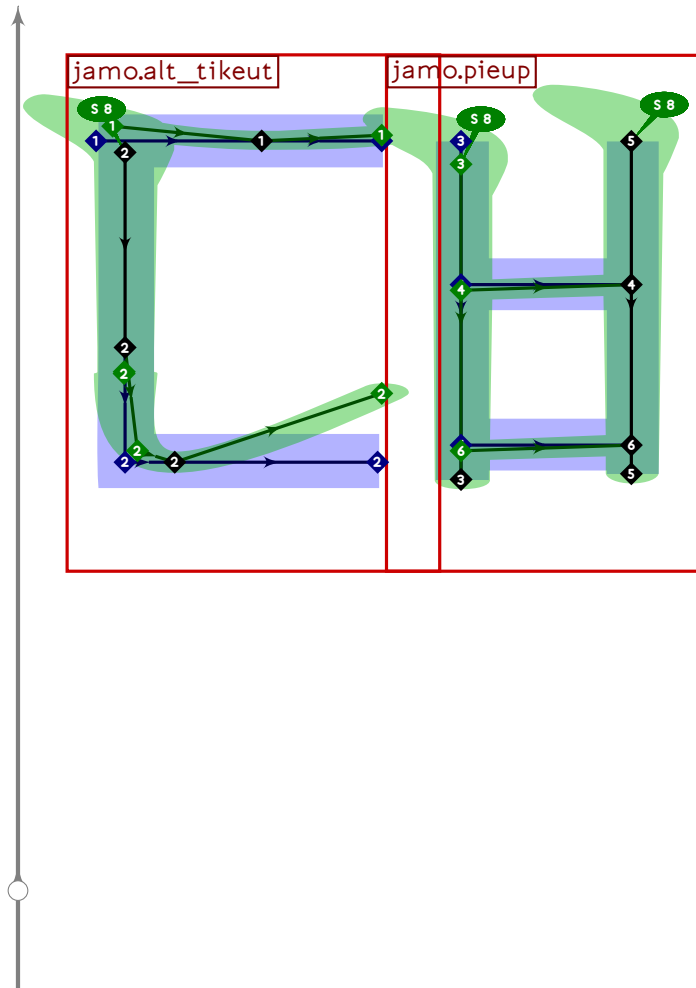
```

U+FF360  
jieub.uniA960.lj1

FF3



```
632 % hangul lead tikeut-mieum
633 beginsuglyph("uniA960.lj1",96);
634 hangul.combine.lr(203,106)(whatever,lixf,loxf);
635 tsu_render;
636 endsuglyph;
637
```



FF3

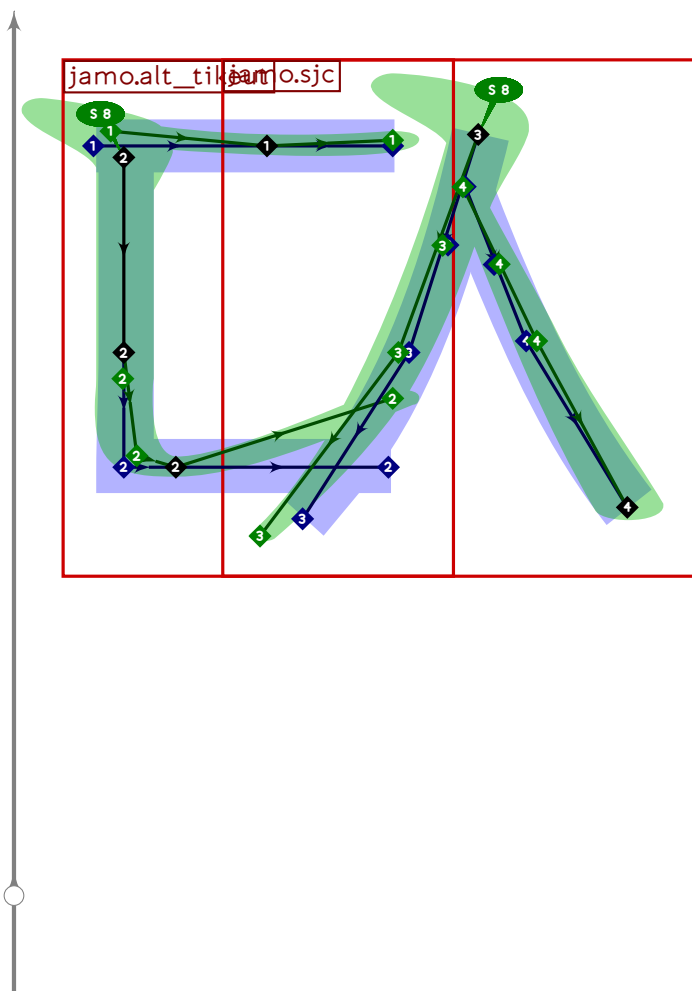
```

638 % hangul lead tikeut-pieup
639 begintsuglyph("uniA961.lj1";97);
640 hangul.combine.lr(203,107)(whatever,lixf,loxf);
641 tsu_render;
642 endsuglyph;
643

```

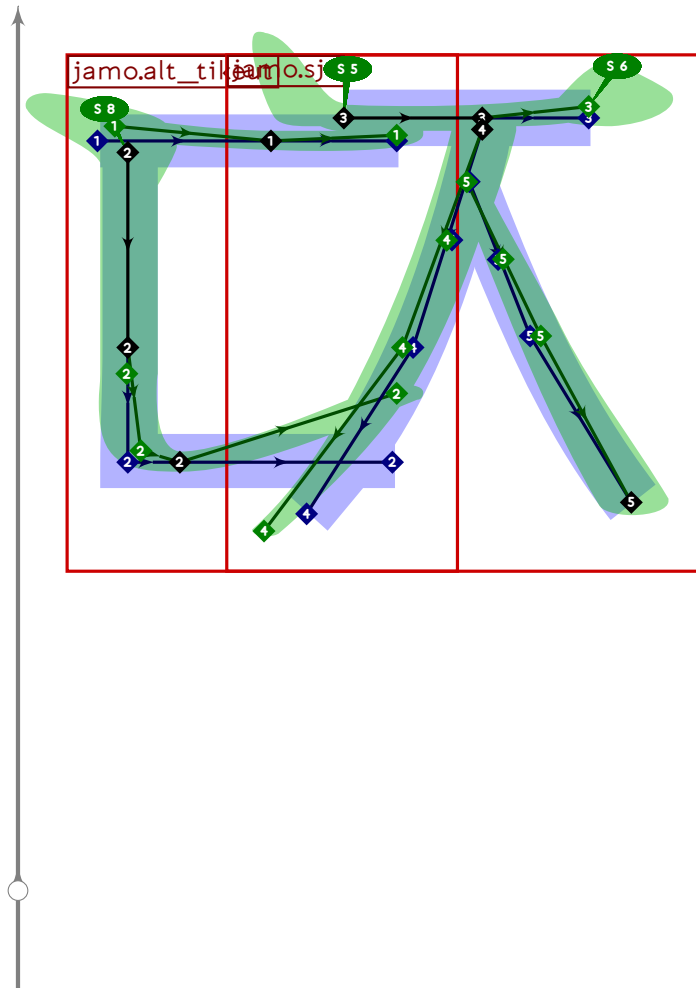
U+FF362  
jieub.uniA962.lj1

FF3



```
644 % hangul lead tikeut-sios
645 begintsuglyph("uniA962.lj1";98);
646   hangul.combine.lr(203,109)(whatever,lixf,loxf);
647   tsu_render;
648 endtsuglyph;
649
```





FF3

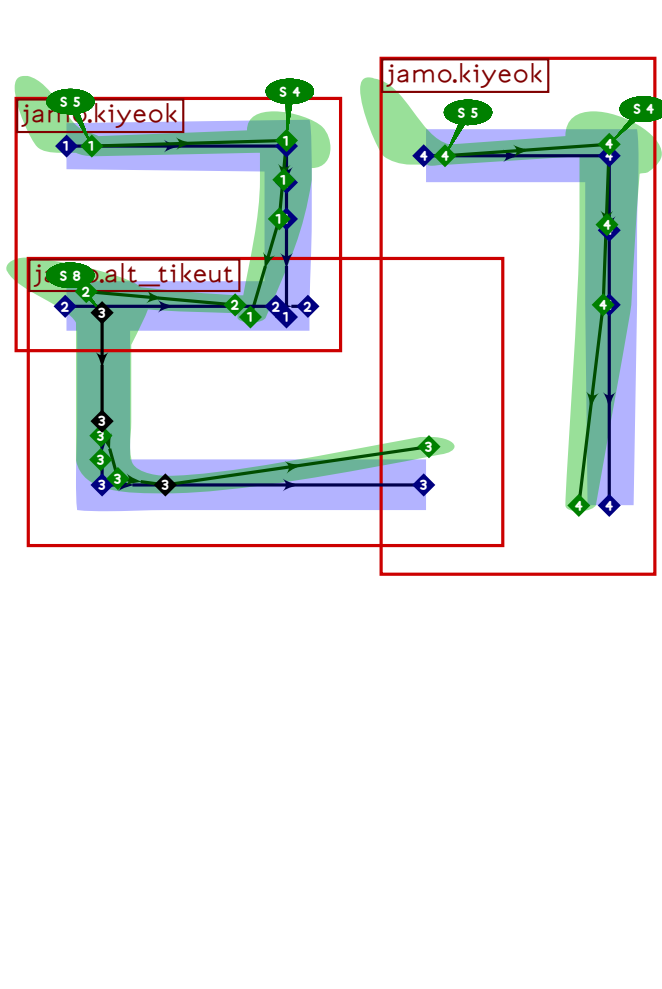
```

650 % hangul lead tikeut-cieuc
651 begintsuglyph("uniA963.lj1";99);
652   hangul.combine.lr(203,112)(whatever,lixf,loxf);
653   tsu_render;
654 endtsuglyph;
655

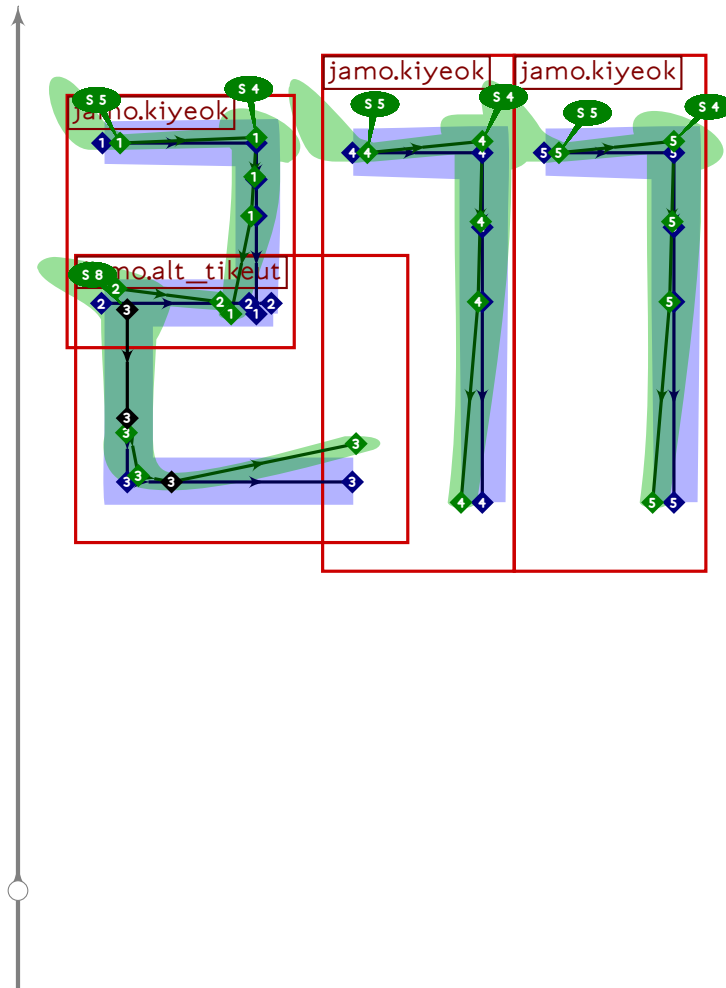
```

U+FF364  
jieub.uniA964.lj1

FF3



```
656 % hangul lead rieul-kiyeok
657 begintsuglyph("uniA964.lj1";100);
658 hangul.combine.lr(205,100)(whatever,lixf,loxf);
659 tsu_render;
660 endtsuglyph;
661
```



FF3

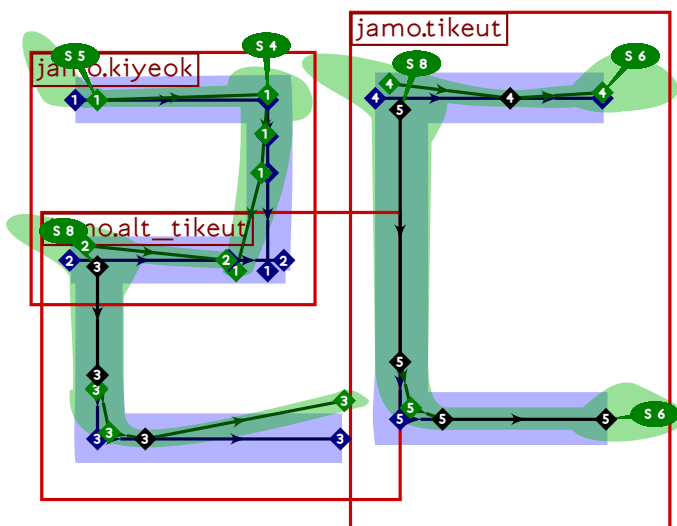
```

662 % hangul lead rieul-ssangkiyeok
663 begintsuglyph("uniA965.lj1";101);
664 hangul.combine.lcr(205,100,100)(whatever,lixf,loxf);
665 tsu_render;
666 endtsuglyph;
667

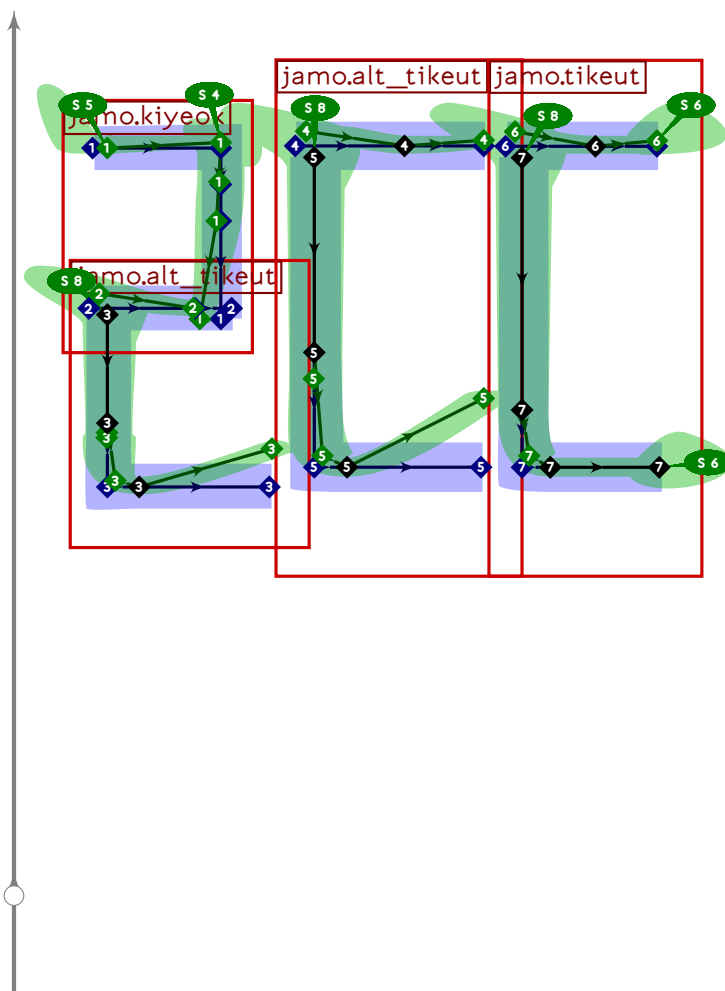
```

U+FF366  
jieub.uniA966.lj1

FF3



```
668 % hangul lead rieul-tikeut
669 begintsuglyph("uniA966.lj1",102);
670 hangul.combine.lr(205,103)(whatever,lixf,loxf);
671 tsu_render;
672 endsuglyph;
673
```



FF3

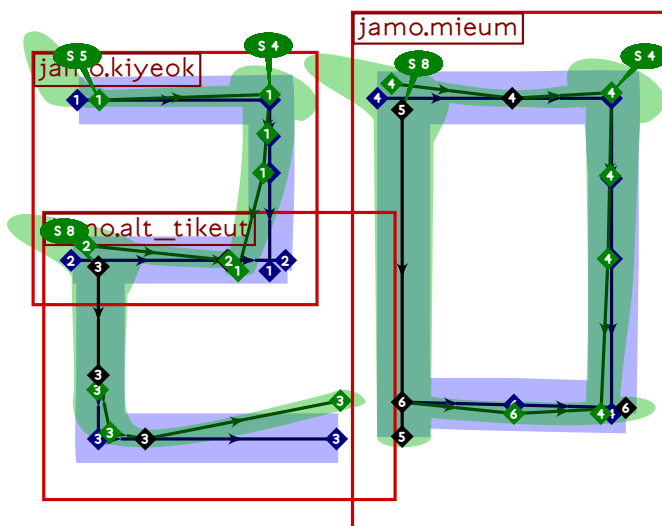
```

674 % hangul lead rieul-ssanggtikeut
675 begint Suglyph("uniA967.lj1",103);
676   hangul.combine.lcr(205,203,103)(whatever,lxf,lxf);
677   tsu_render;
678 endtsuglyph;
679

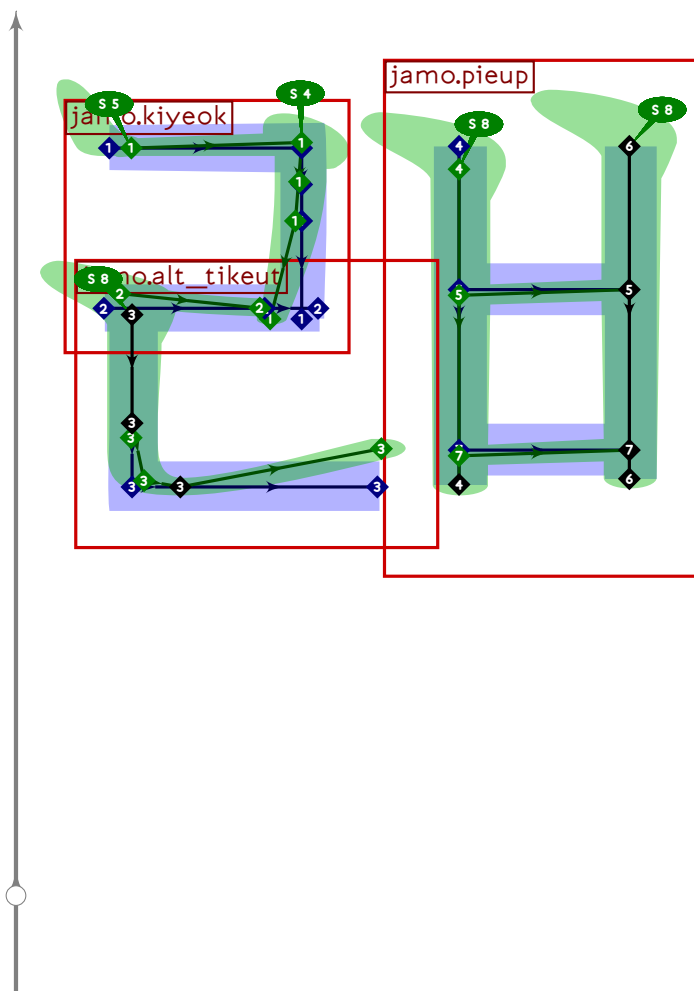
```

U+FF368  
jieub.uniA968.lj1

FF3



```
680 % hangul lead rieul-mieum
681 begintsuglyph("uniA968.lj1",104);
682   hangul.combine.lr(205,106)(whatever,lixf,loxf);
683   tsu_render;
684 endtsuglyph;
685
```



FF3

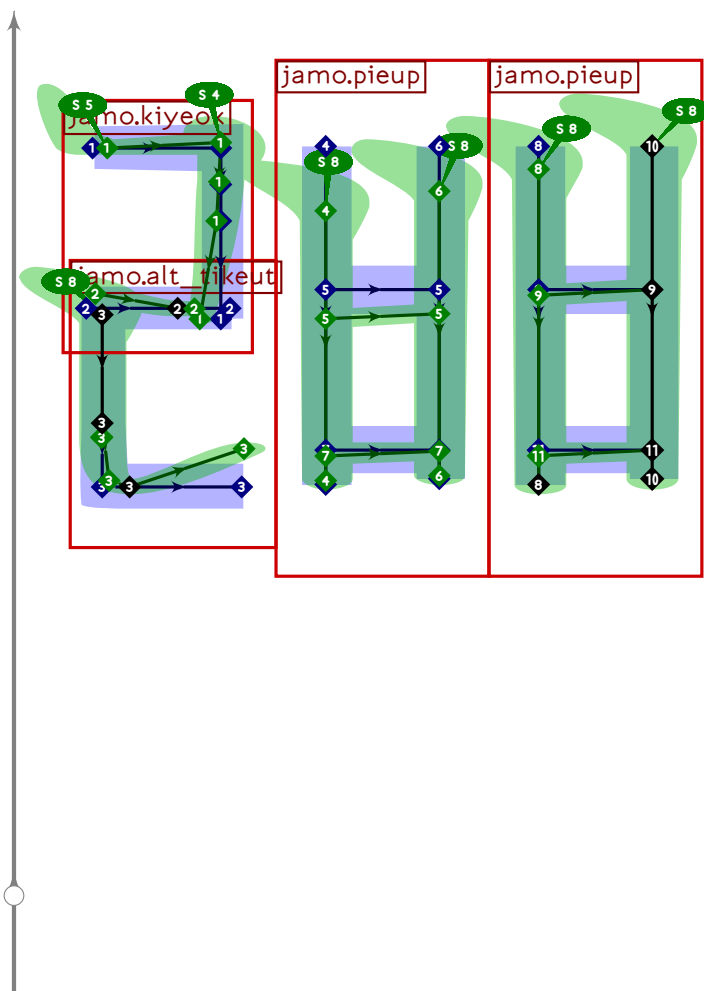
```

686 % hangul lead rieul-pieup
687 begintsuglyph("uniA969.lj1",105);
688 hangul.combine.lr(205,107)(whatever,lixf,loxf);
689 tsu_render;
690 endtsuglyph;
691

```

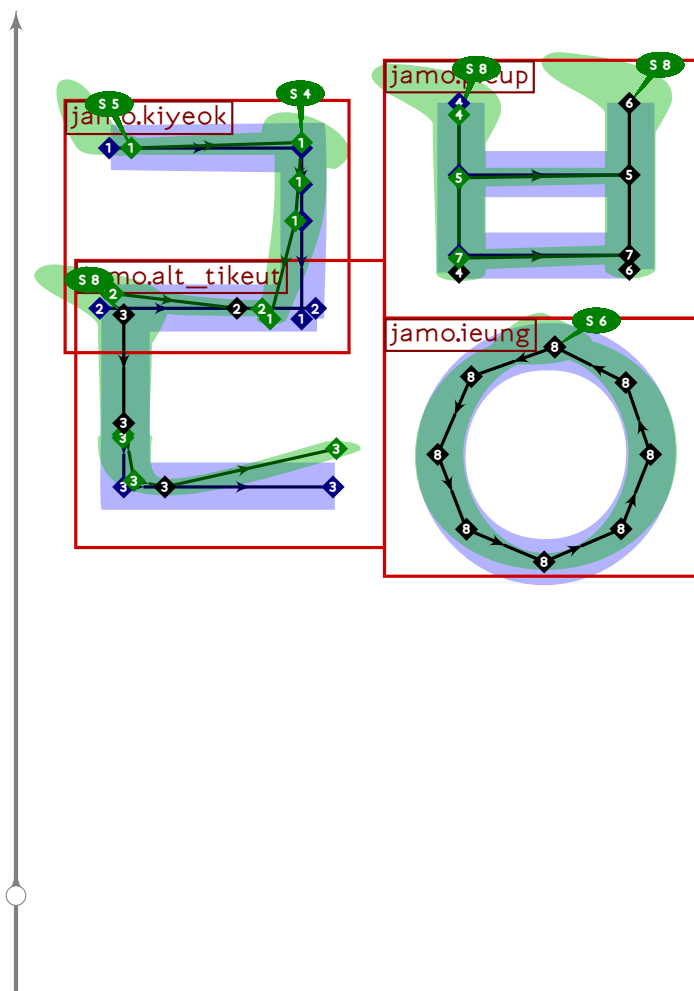
U+FF36A  
jieub.uniA96A.lj1

FF3



```
692 % hangul lead rieul-ssangpieup
693 begintsuglyph("uniA96A.lj1",106);
694 hangul.combine.lcr(205,207,107)(whatever,lixf,loxf);
695 tsu_render;
696 endtsuglyph;
697
```





FF3

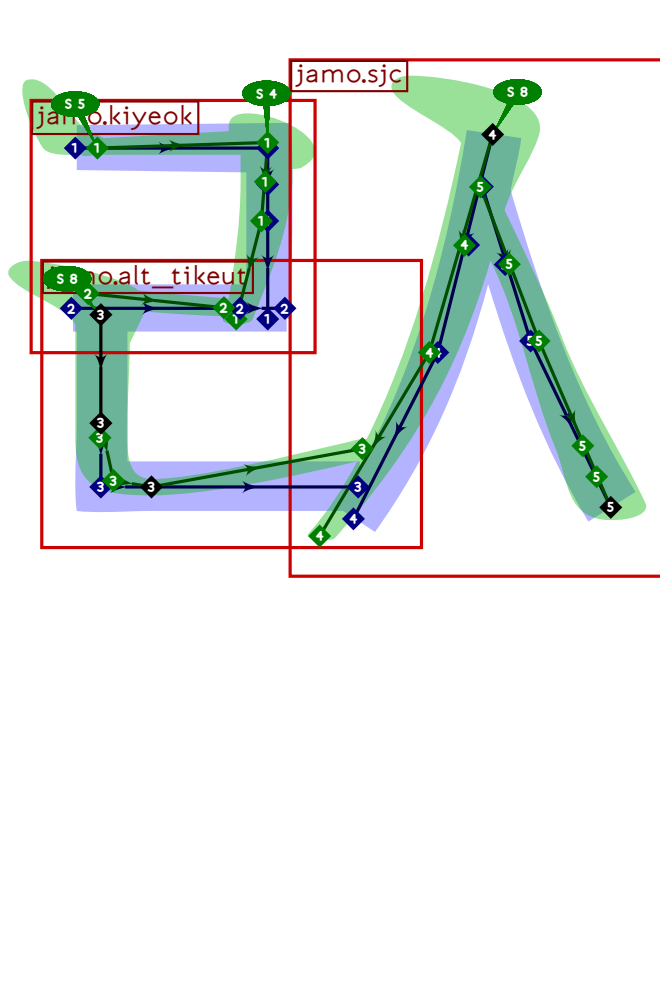
```

698 % hangul lead rieul-kapyeounpieup
699 begintsuglyph("uniA96B.lj1",107);
700 hangul.combine.lr(205,231)(whatever,lixf,loxf);
701 tsu_render;
702 endsuglyph;
703

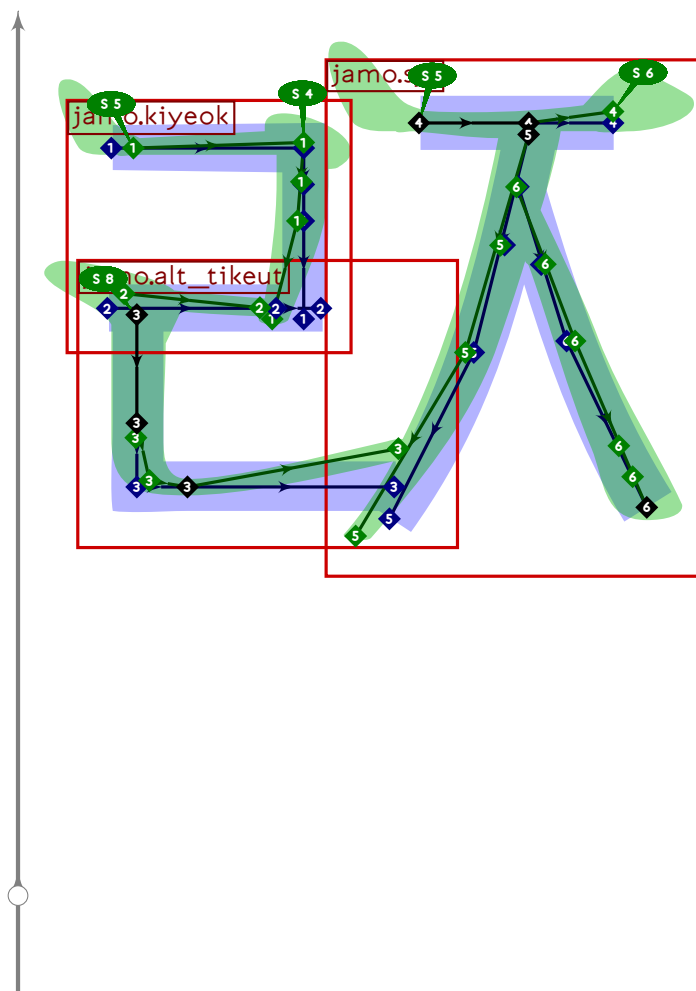
```

U+FF36C  
jieub.uniA96C.lj1

FF3



```
704 % hangul lead rieul-sios
705 begintsuglyph("uniA96C.lj1",108);
706 hangul.combine.lr(205,109)(whatever,lixf,loxf);
707 tsu_render;
708 endtsuglyph;
709
```



FF3

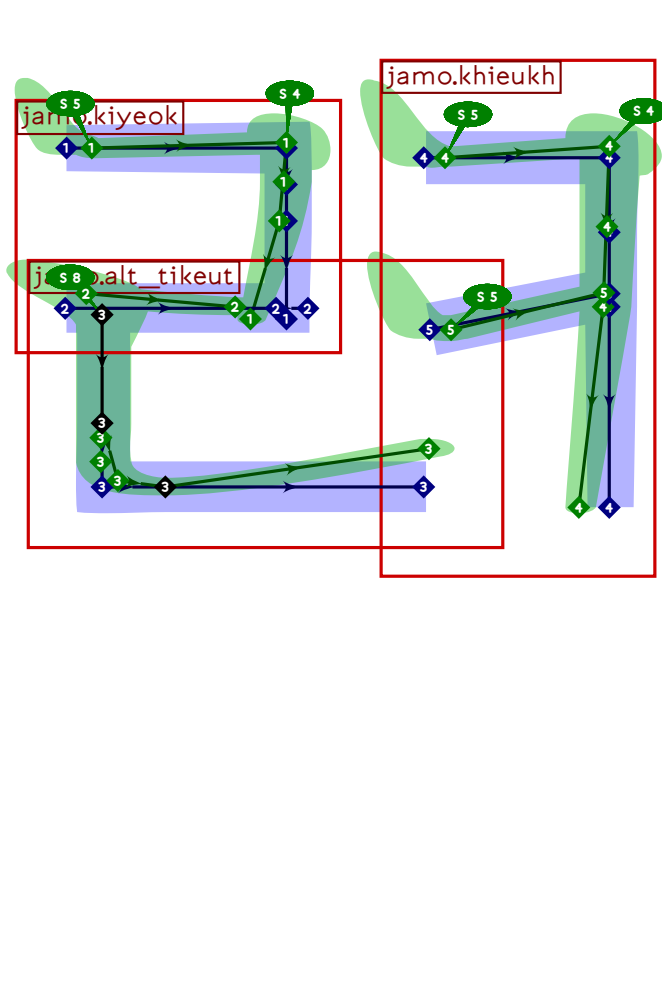
```

710 % hangul lead rieul-cieuc
711 begintsuglyph("uniA96D.lj1";109);
712   hangul.combine.lr(205,112)(whatever,lixf,loxf);
713   tsu_render;
714 endtsuglyph;
715

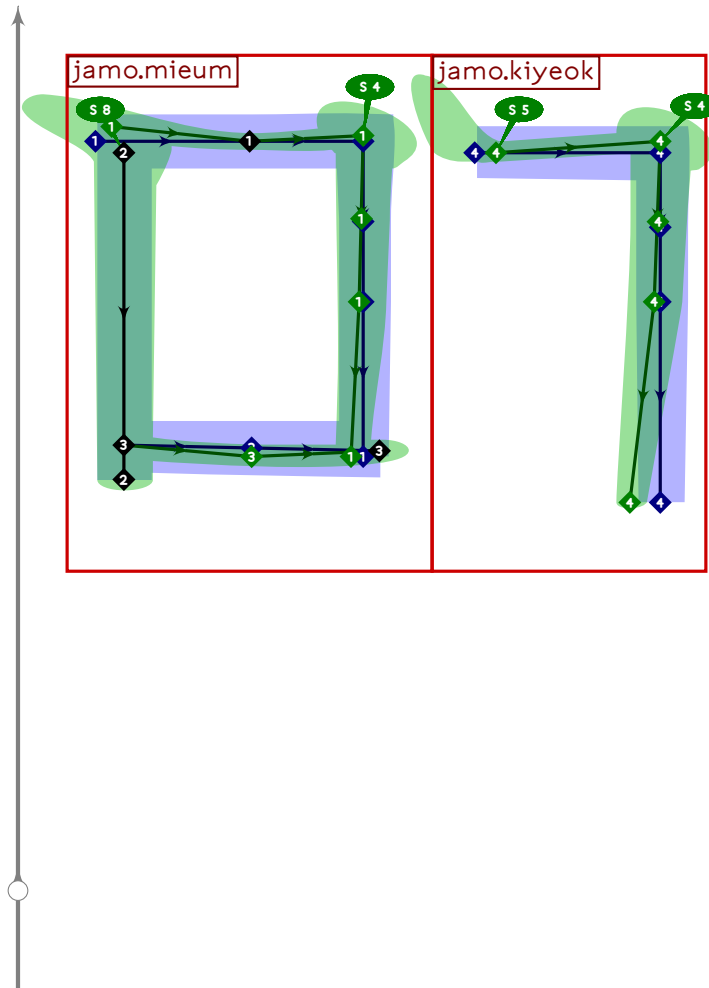
```

U+FF36E  
jieub.uniA96E.lj1

FF3



```
716 % hangul lead rieul-khieukh
717 begintsuglyph("uniA96E.lj1",110);
718 hangul.combine.lr(205,115)(whatever,lixf,loxf);
719 tsu_render;
720 endsuglyph;
721
```



FF3

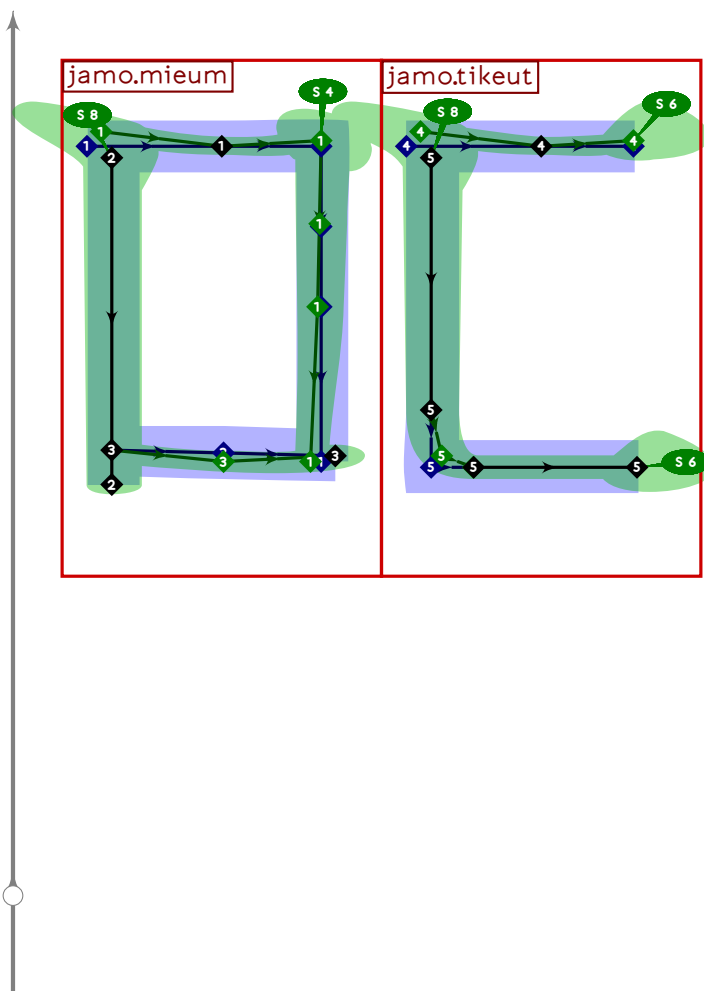
```

722 % hangul lead mieum-kiyeok
723 begintsuglyph("uniA96F.lj1",111);
724   hangul.combine.lr(106,100)(whatever,lixf,loxf);
725   tsu_render;
726 endtsuglyph;
727

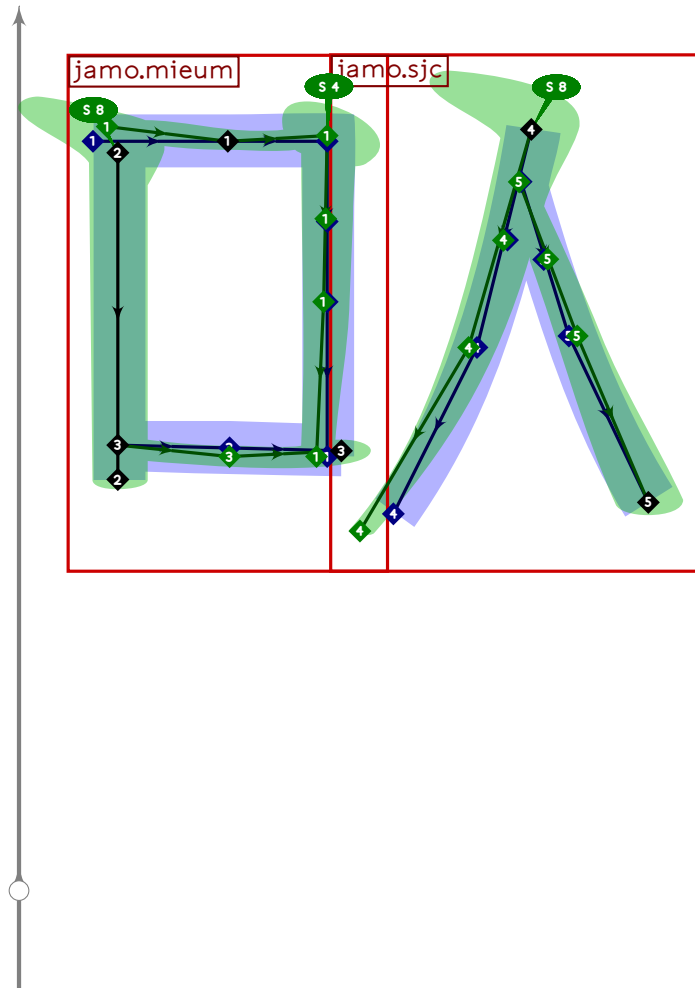
```

U+FF370  
jieub.uniA970.lj1

FF3



```
728 % hangul lead mieum-tikeut
729 begintsuglyph("uniA970.lj1",112);
730 hangul.combine.lr(106,103)(whatever,lixf,loxf);
731 tsu_render;
732 endsuglyph;
733
```



FF3

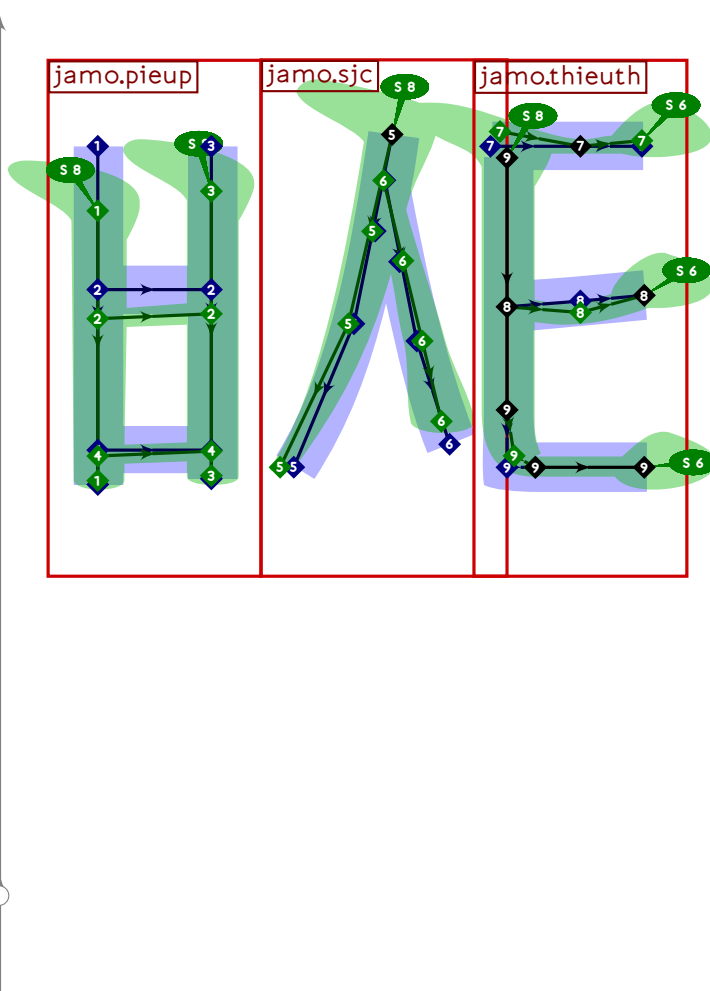
```

734 % hangul lead mieum-sios
735 begintsuglyph("uniA971.lj1",113);
736   hangul.combine.lr(106,109)(whatever,lixf,loxf);
737   tsu_render;
738 endsuglyph;
739

```

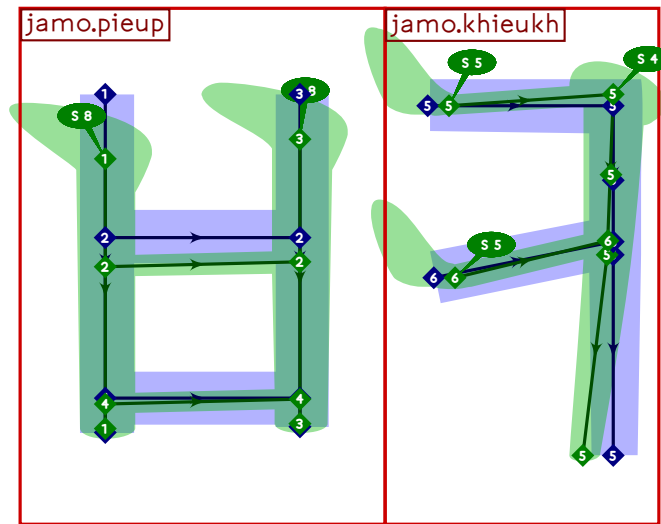
U+FF372  
jieub.uniA972.lj1

FF3



```
740 % hangul lead pieup-sios-thieuth
741 begintsuglyph("uniA972.lj1";114);
742   hangul.combine.lcr(207,209,116)(whatever,lixf,loxf);
743   tsu_render;
744 endtsuglyph;
745
```





FF3

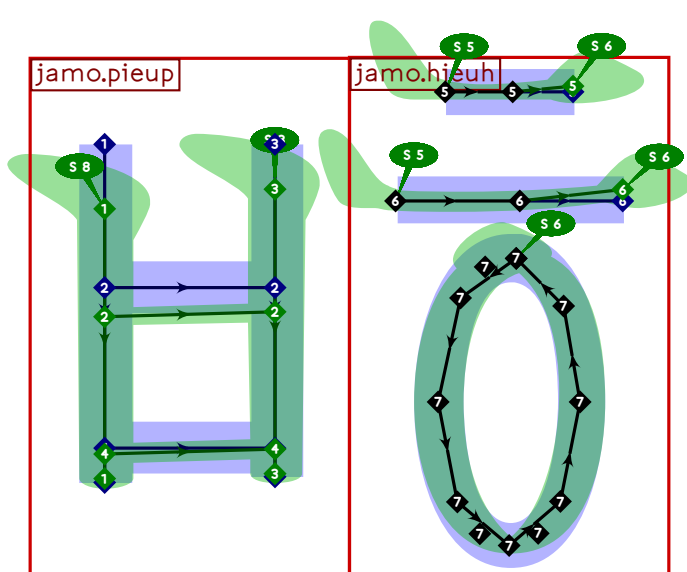
```

746 % hangul lead pieup-khieukh
747 begintsuglyph("uniA973.lj1",115);
748 hangul.combine.lr(207,115)(whatever,lixf,loxf);
749 tsu_render;
750 endsuglyph;
751

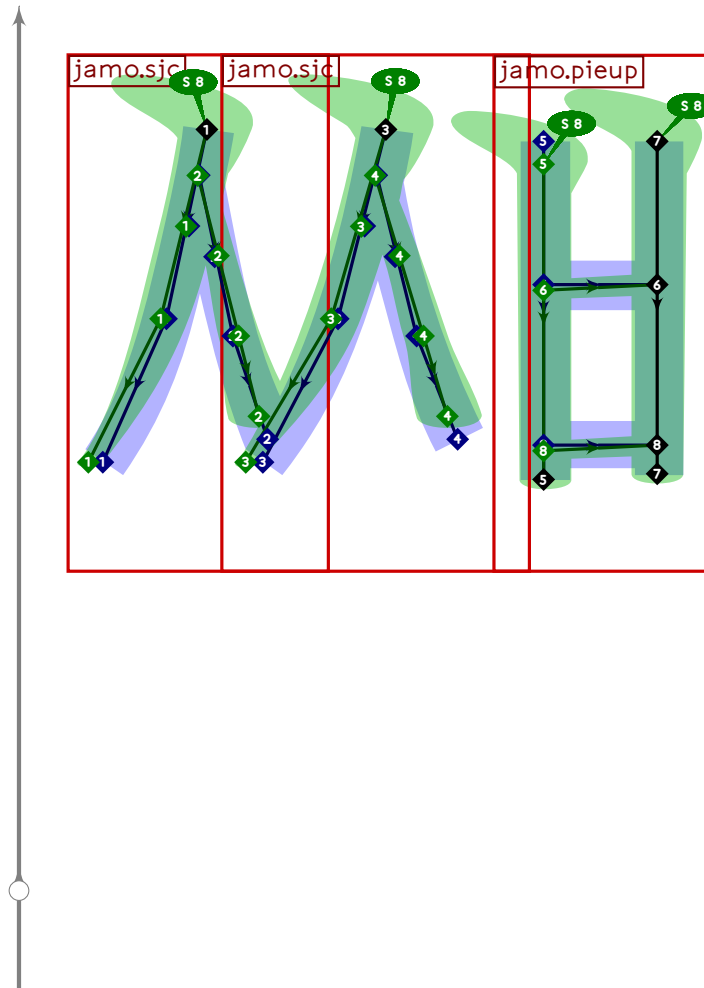
```

U+FF374  
jieub.uniA974.lj1

FF3



```
752 % hangul lead pieup-hieuh
753 beginsuglyph("uniA974.lj1",116);
754 hangul.combine.lr(207,118)(whatever,lixf,loxf);
755 tsu_render;
756 endsuglyph;
757
```



FF3

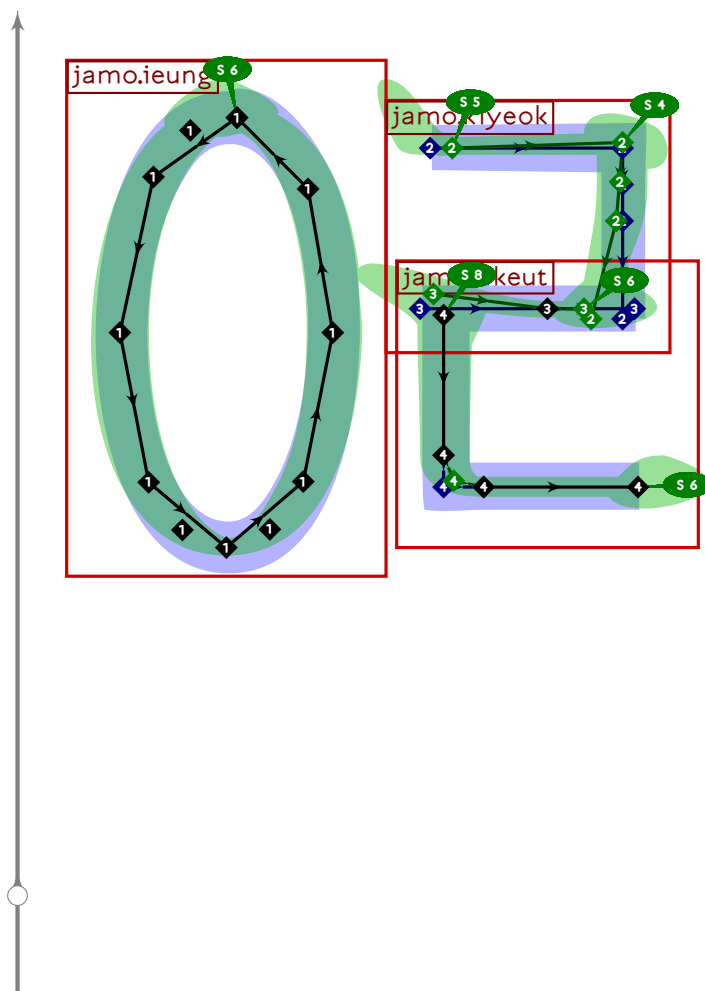
```

758 % hangul lead ssangsios-pieup
759 begintsuglyph("uniA975.lj1",117);
760 hangul.combine.lcr(209,209,107)(whatever,lixf,loxf);
761 tsu_render;
762 endtsuglyph;
763

```

U+FF376  
jieub.uniA976.lj1

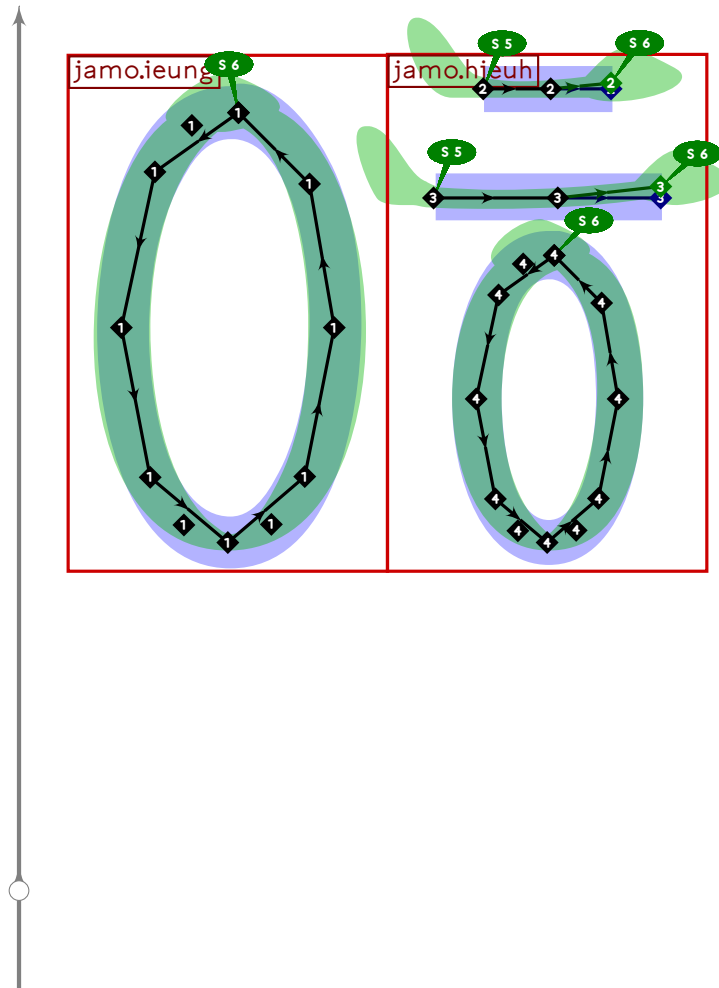
FF3



```

764 % hangul lead ieung-rieul
765 begintsuglyph("uniA976.lj1",118);
766   hangul.combine.lr(111,105)(whatever,lixf,loxf);
767   tsu_render;
768 endtsuglyph;
769

```



FF3

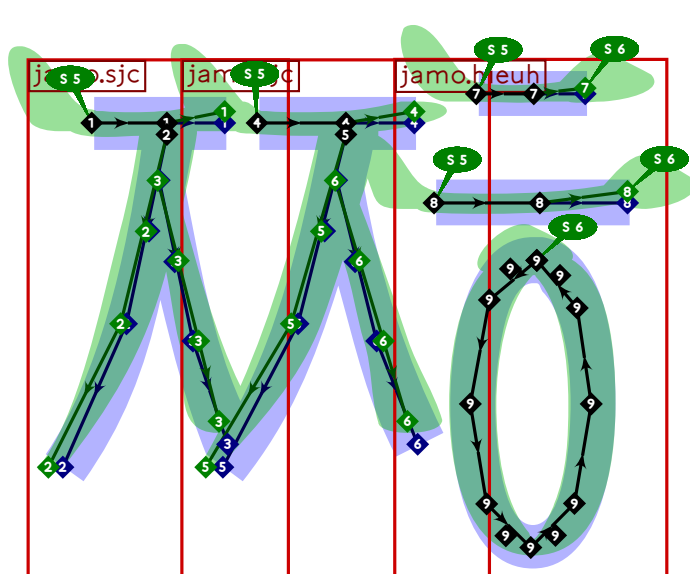
```

770 % hangul lead ieung-hieuh
771 begintsuglyph("uniA977.lj1",119);
772   hangul.combine.lr(111,118)(whatever,lixf,loxf);
773   tsu_render;
774 endsuglyph;
775

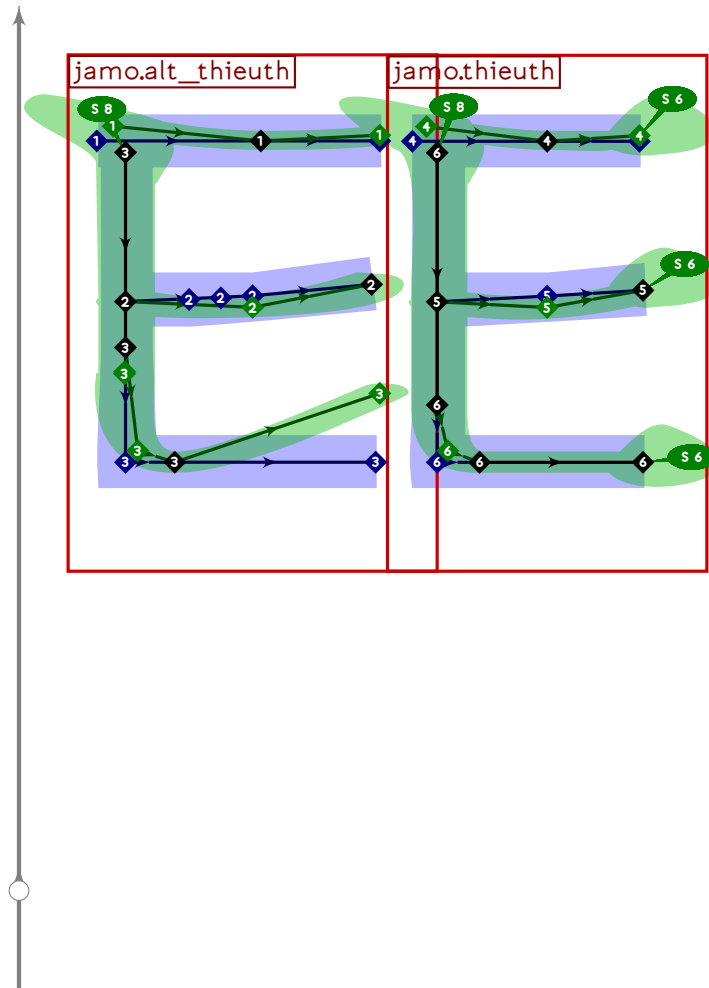
```

U+FF378  
jieub.uniA978.lj1

FF3



```
776 % hangul lead ssangcieuc-hieuh
777 begintsuglyph("uniA978.lj1";120);
778   hangul.combine.lcr(212,212,118)(whatever,lixf,loxf);
779   tsu_render;
780 endtsuglyph;
781
```



FF3

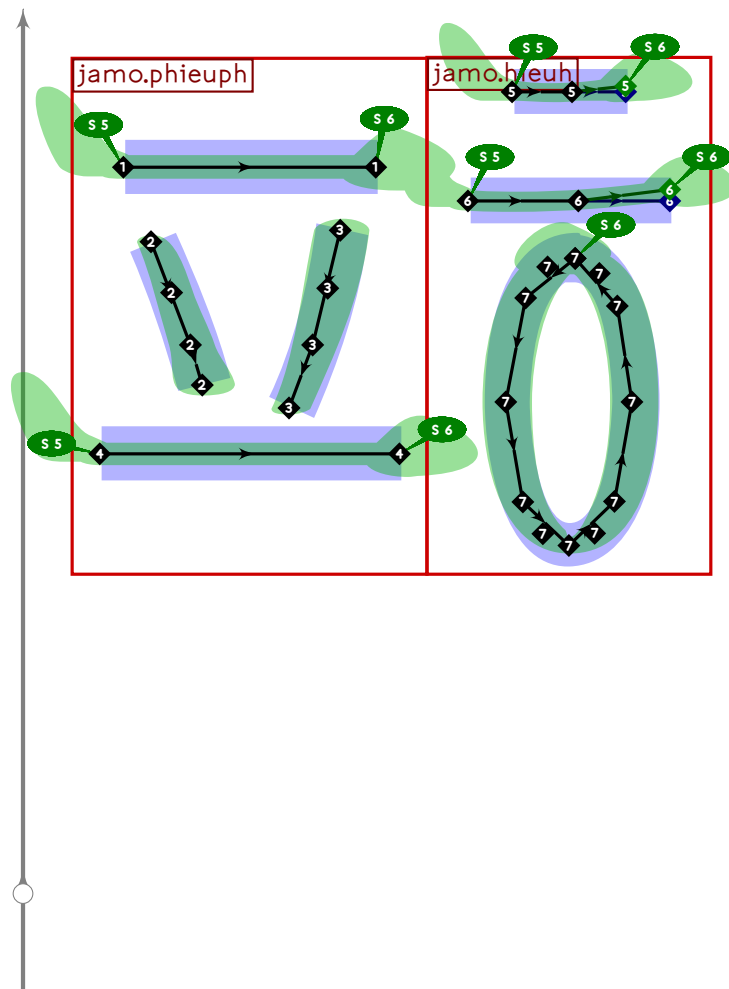
```

782 % hangul lead ssangthieuth
783 begintsuglyph("uniA979.lj1",121);
784 hangul.combine.lr(216,116)(whatever,lixf,loxf);
785 tsu_render;
786 endtsuglyph;
787

```

U+FF37A  
jieub.uniA97A.lj1

FF3

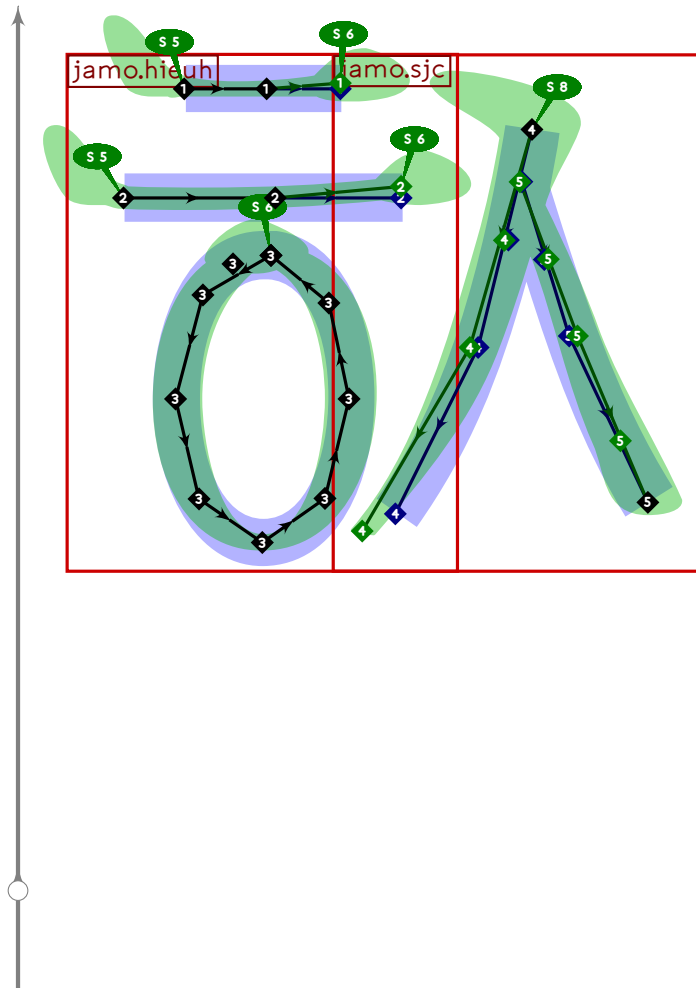


```

788 % hangul lead phieuph-hieuh
789 begintsuglyph("uniA97A.lj1",122);
790 hangul.combine.lcr(117,230,118)(whatever,lixf,loxf);
791 tsu_render;
792 endtsuglyph;
793

```





FF3

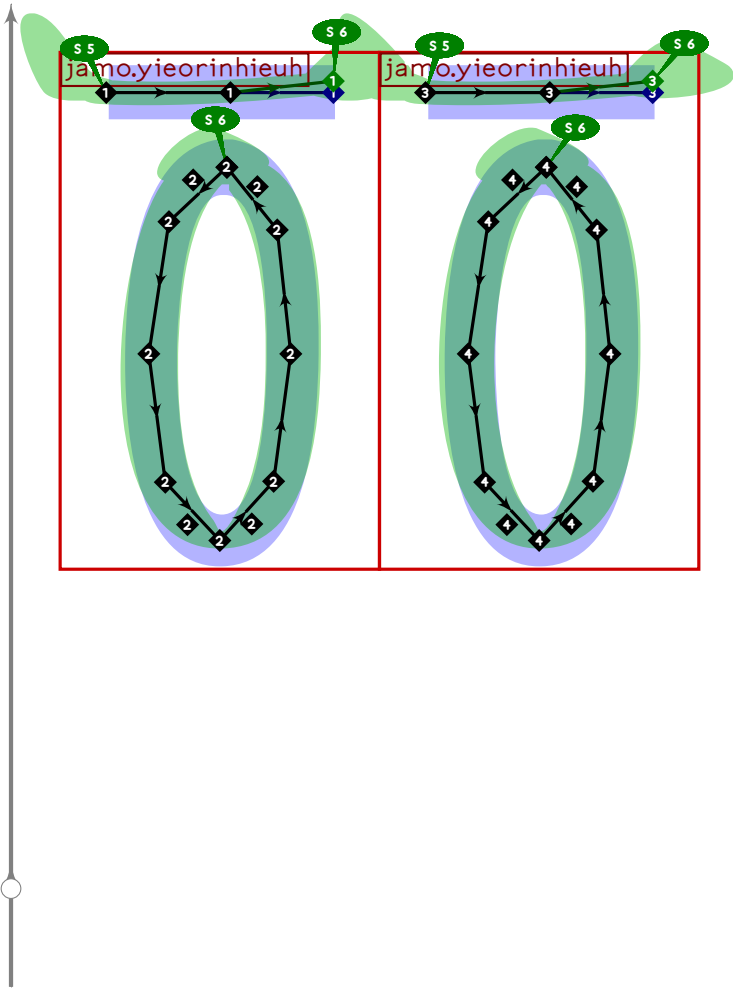
```

794 % hangul lead hieuh-sios
795 begintsuglyph("uniA97B.lj1";123);
796 hangul.combine.lr(118,109)(whatever,lixf,loxf);
797 tsu_render;
798 endtsuglyph;
799

```

U+FF37C  
jieub.uniA97C.lj1

FF3



```
800 % hangul lead ssangyeorinhieuh
801 begintsuglyph("uniA97C.lj1";124);
802   hangul.combine.lcr(221,230,221)(whatever,lixf,loxf);
803   tsu_render;
804 endtsuglyph;
805
806
807
808 endfont;
809
810
```

## jieub-ff4.mp

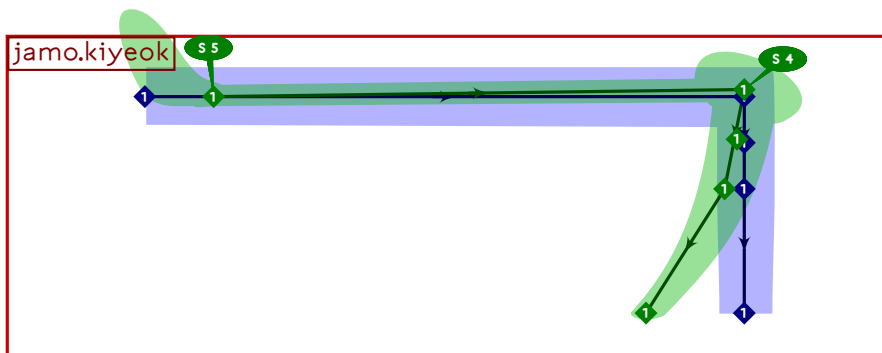
```
1 %
2 % Unicode page FF4 (alternate lead jamo) for Jieubsida
3 % Copyright (C) 2011, 2012 Matthew Skala
4 %
5-29 [Standard copyright notice]
30
31 _____
32
33 beginfont
34
35 % AUTODEPS
36 input hangul.mp;
37 input jamo-basic.mp;
38 input jamo-extra.mp;
39
40 do_late_includes;
41
42 _____
43
44 % This file contains leads for layout 2: horizontal vowel and nonempty tail.
45
46 transform lixf,loxf;
47
48 lixf=loxf=hxf((50,850),(950,525));
49
50 _____
51
```

FF4

## Hangul Choseong (Lead) Jamo

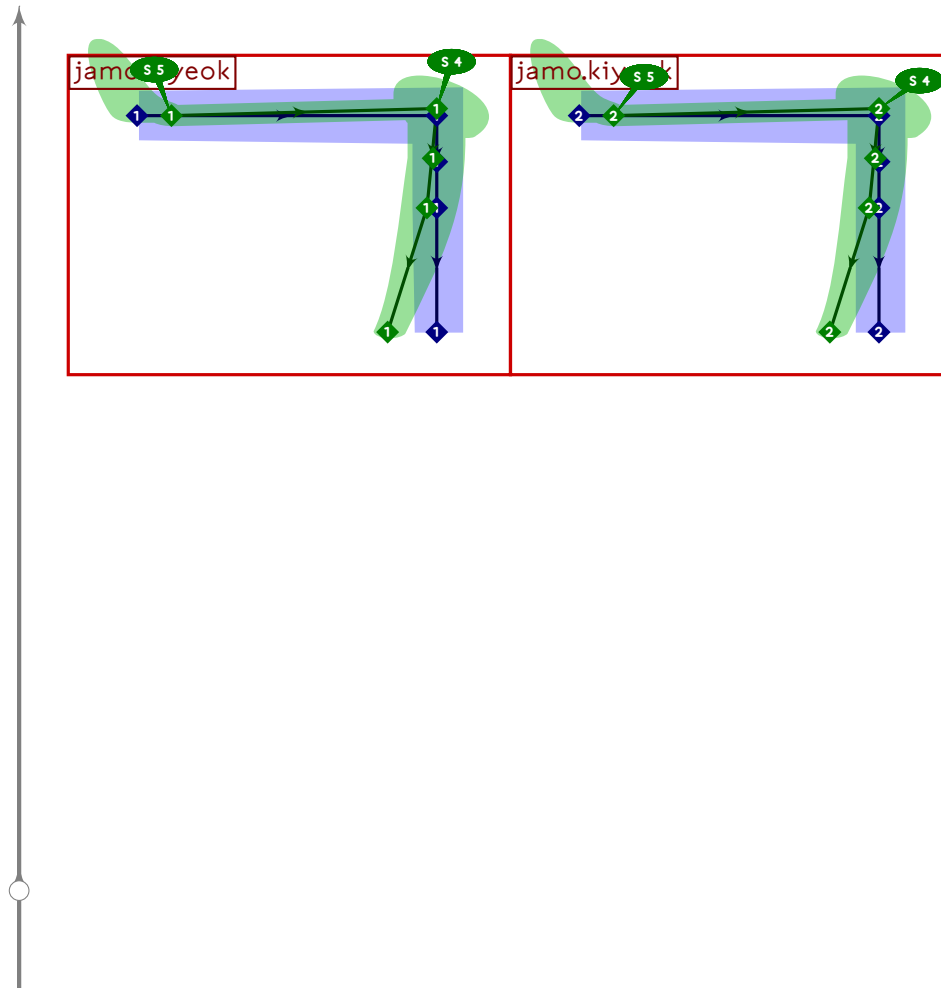
```
52 % HANGUL CHOSEONG (LEAD) JAMO
53
54 tsu_rescale_native_zero;
55
```

U+FF400  
jieub.uni1100.lj2



FF4

```
56 % hangul lead kiyook
57 begintsuglyph("uni1100.lj2",0);
58   hangul.jamo.kiyook(whatever,lixf,loxf);
59   tsu_render;
60 endtsuglyph;
61
```



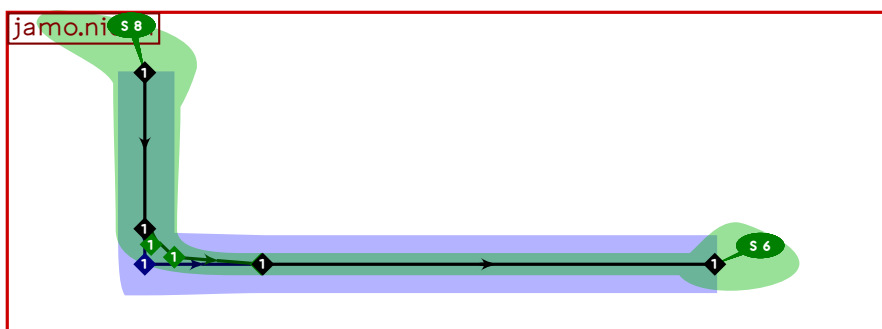
FF4

```

62 % hangul lead ssangkiyeok
63 begintsuglyph("uni1101.lj2",1);
64   hangul.combine.lr(100,100)(whatever,lxf,loxf);
65   tsu_render;
66 endtsuglyph;
67

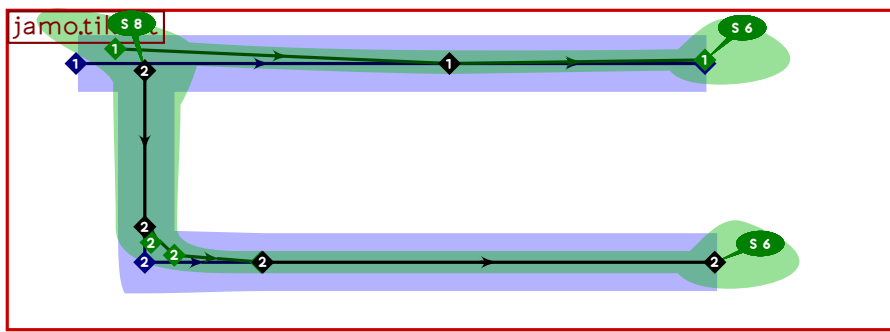
```

U+FF402  
jieub.uni1102.lj2



FF4

```
68 % hangul lead nieun
69 begintsuglyph("uni1102.lj2",2);
70 hangul.jamo.nieun(whatever,lixf,loxf);
71 tsu_render;
72 endsuglyph;
73
```



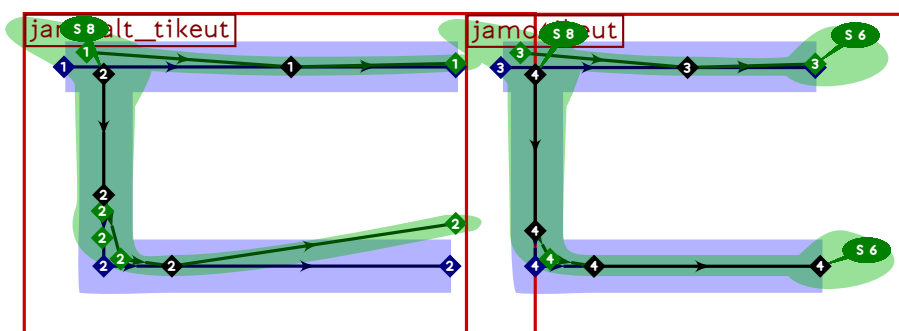
FF4

```

74 % hangul lead tikeut
75 begint Suglyph("uni1103.lj2"3);
76   hangul.jamo.tikeut(whatever,lix,f,loxf);
77   tsu__render;
78 endts Suglyph;
79

```

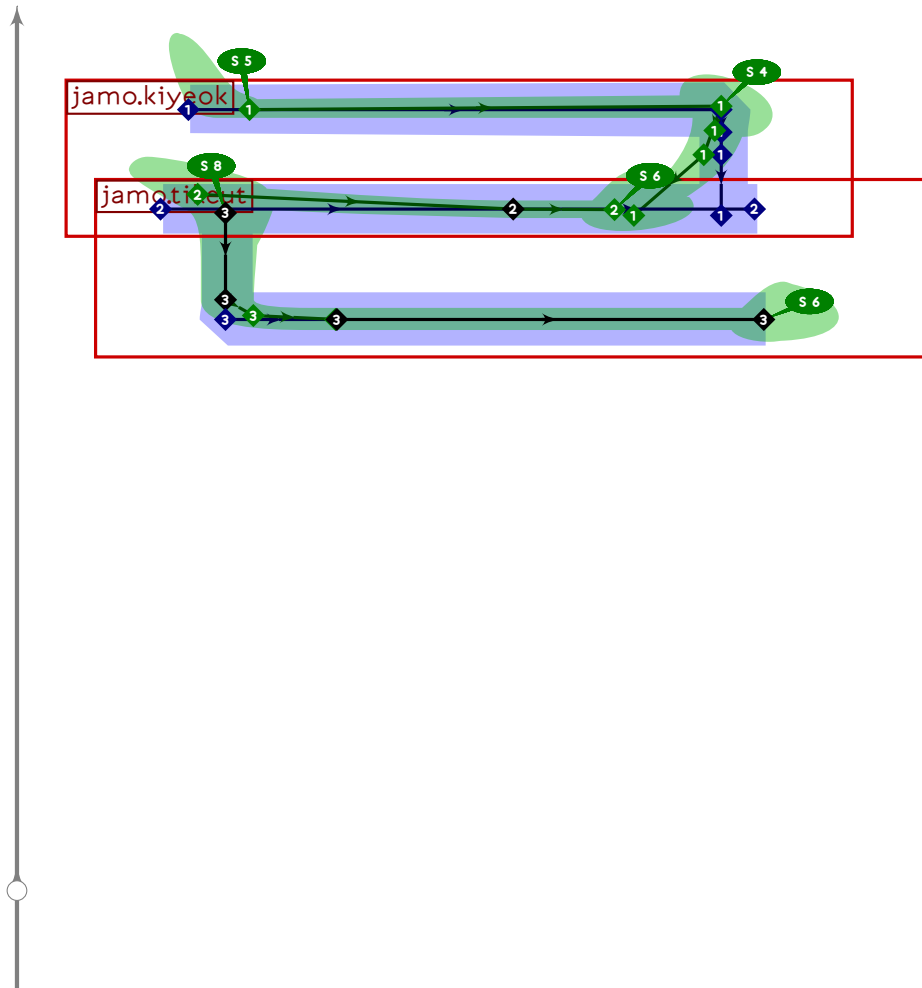
U+FF404  
jieub.uni1104.lj2



FF4

```
80 % hangul lead ssangtikeut
81 beginsuglyph("uni1104.lj2";4);
82   hangul.combine.lr(203,103)(whatever,lixf,loxf);
83   tsu_render;
84 endsuglyph;
85
```





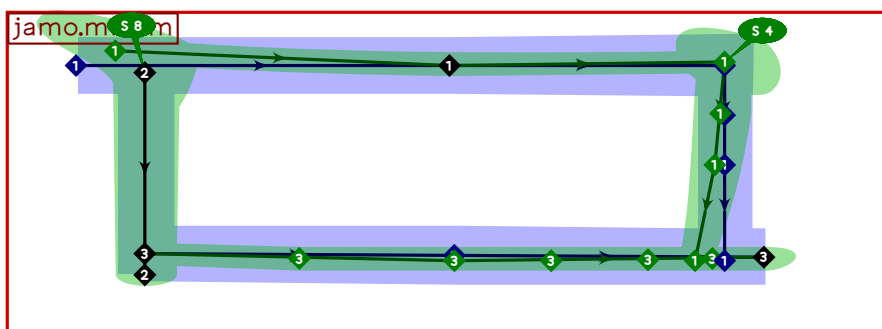
FF4

```

86 % hangul lead rieul
87 beginsuglyph("uni1105.lj2",5);
88   hangul.jamo.rieul(whatever,lixf,loxf);
89   tsu_render;
90 endsuglyph;
91

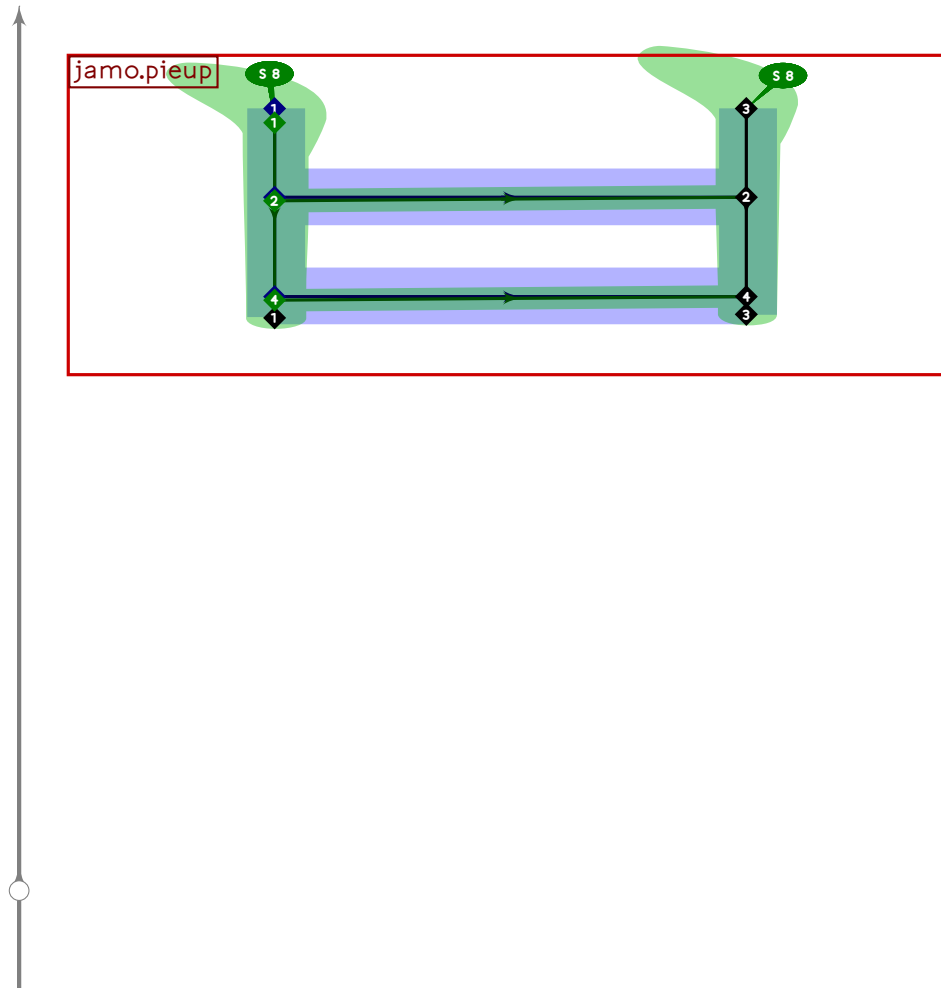
```

U+FF406  
jieub.uni1106.lj2



FF4

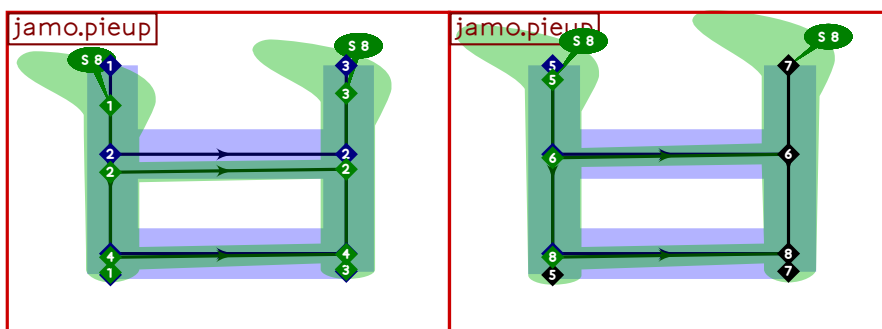
```
92 % hangul lead mieum
93 beginsuglyph("uni1106.lj2",6);
94 hangul.jamo.mieum(whatever,lixf,loxf);
95 tsu_render;
96 endsuglyph;
97
```



FF4

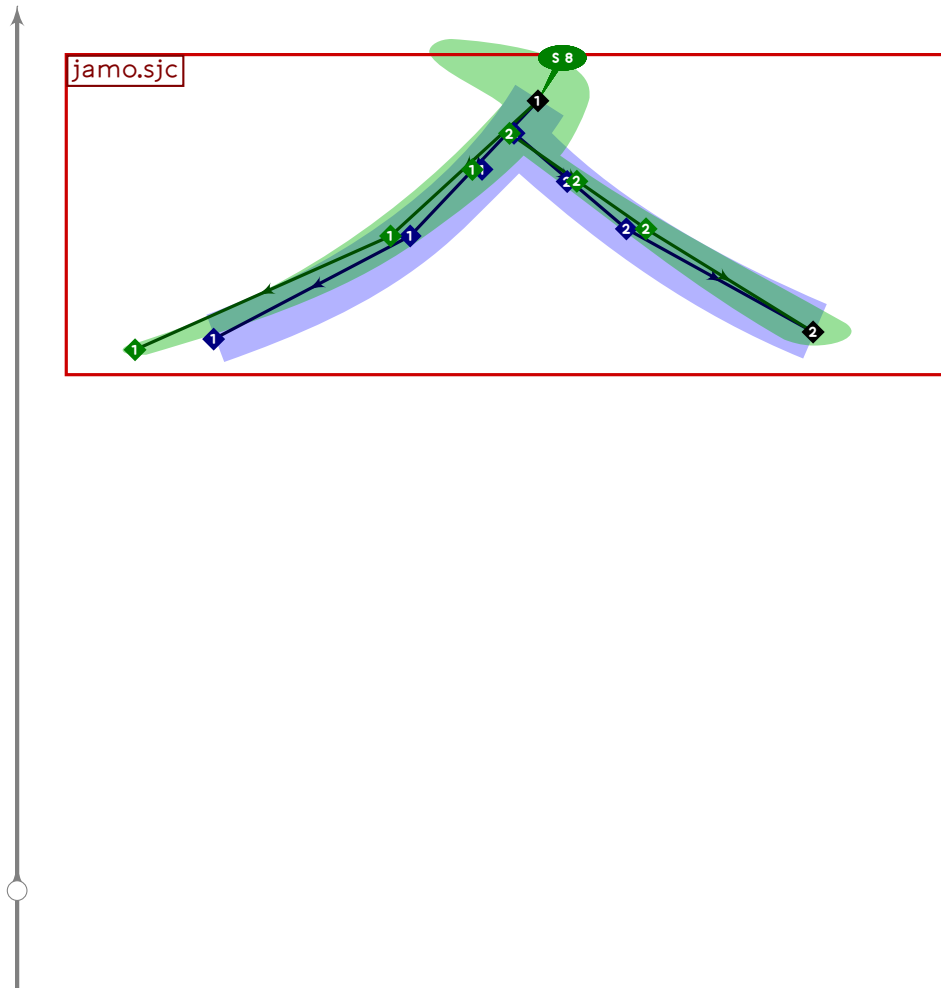
```
98 % hangul lead pieup
99 beginsuglyph("uni1107.lj2";7);
100 hangul.jamo.pieup(whatever,lixf,loxf);
101 tsu_render;
102 endsuglyph;
103
```

U+FF408  
jieub.uni1108.lj2



FF4

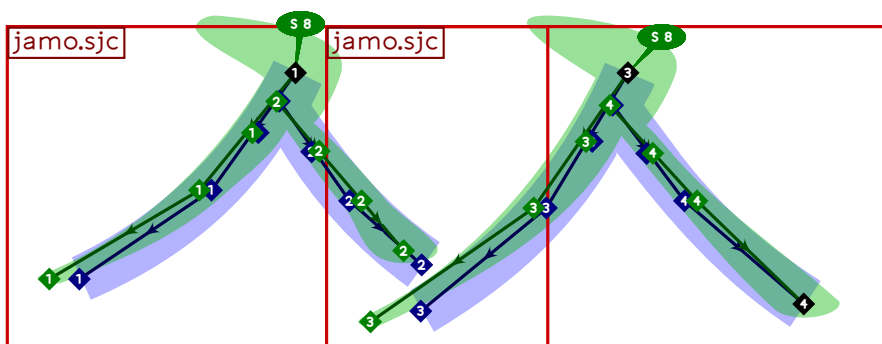
```
104 % hangul lead ssangpieup
105 begintsuglyph("uni1108.lj2";8);
106   hangul.combine.lr(207,107)(whatever,lixf,loxf);
107   tsu_render;
108 endtsuglyph;
109
```



FF4

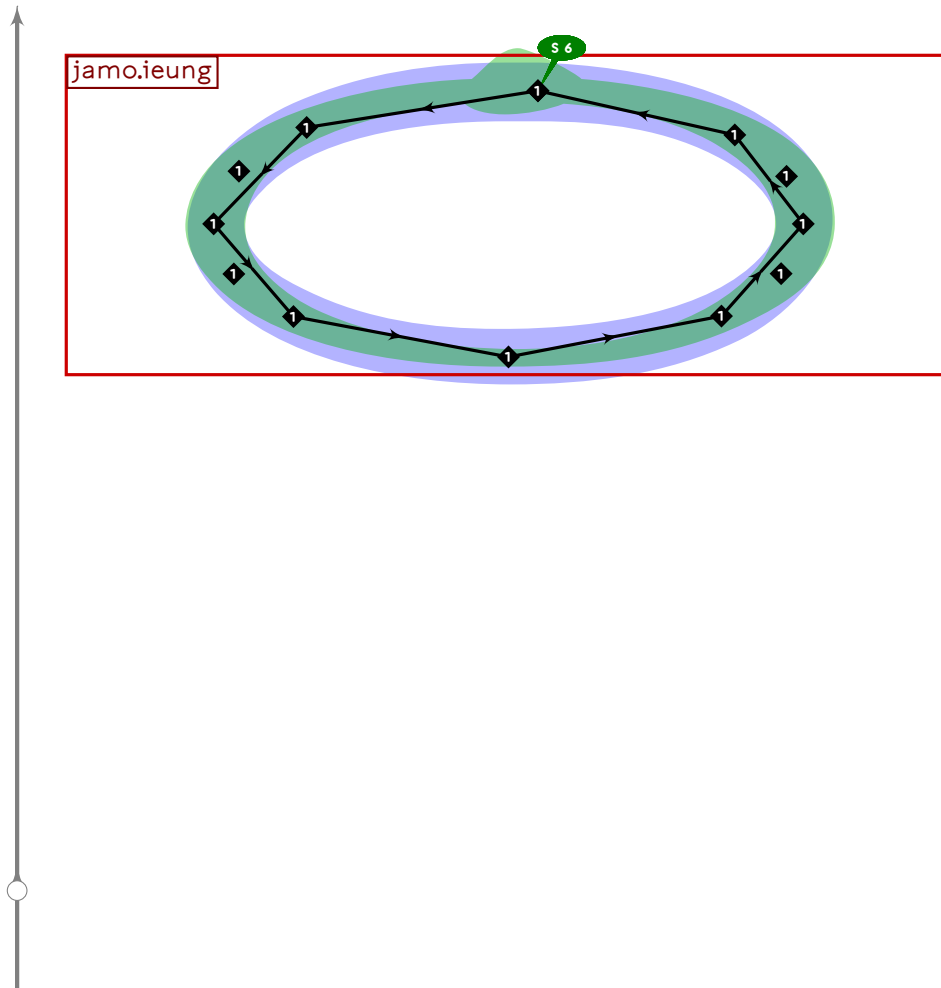
```
110 % hangul lead sios
111 begintsuglyph("uni1109.lj2";9);
112   hangul.jamo.sjc(0,0,false)(whatever,lixf,loxf);
113   tsu_render;
114 endsuglyph;
115
```

U+FF40A  
jieub.uni110A.lj2



FF4

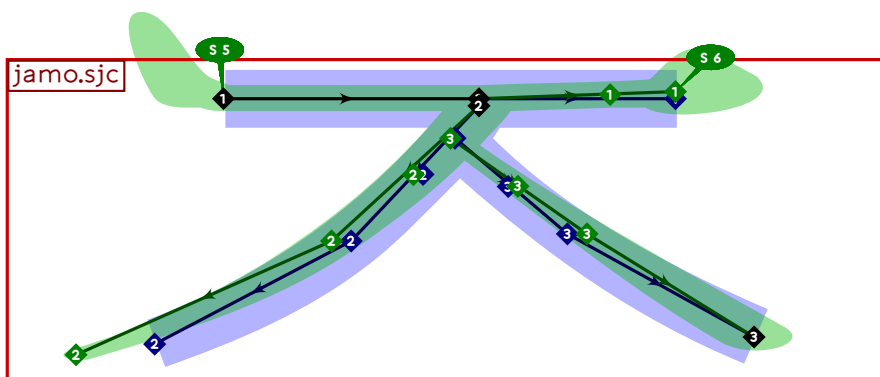
```
116 % hangul lead ssangsios
117 begintsuglyph("uni110A.lj2";10);
118 hangul.combine.lr(209,109)(whatever,lixf,loxf);
119 tsu_render;
120 endtsuglyph;
121
```



FF4

```
122 % hangul lead ieung
123 beginsuglyph("uni110B.lj2",11);
124   hangul.jamo.ieung(whatever,lixf,loxf);
125   tsu_render;
126 endsuglyph;
127
```

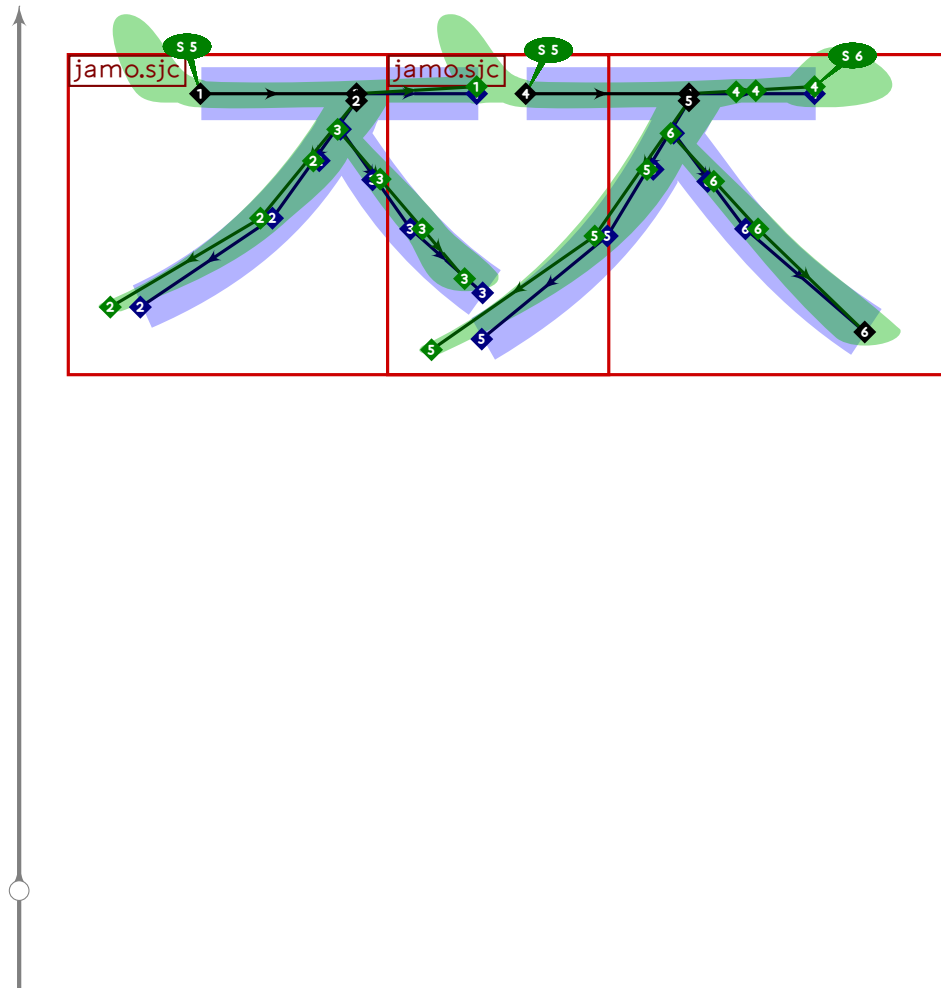
U+FF40C  
jieub.uni110C.lj2



FF4

```
128 % hangul lead cieuc
129 begintsuglyph("uni110C.lj2";12);
130 hangul.jamo.sjc(1,0,false)(whatever,lixf,loxf);
131 tsu_render;
132 endtsuglyph;
133
```





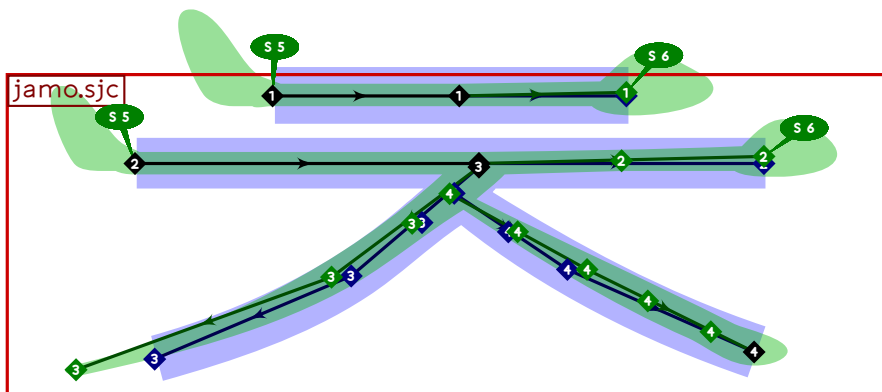
FF4

```

134 % hangul lead ssangcieuc
135 begintsuglyph("uni110D.lj2",13);
136 hangul.combine.lr(212,112)(whatever,lixf,loxf);
137 tsu_render;
138 endtsuglyph;
139

```

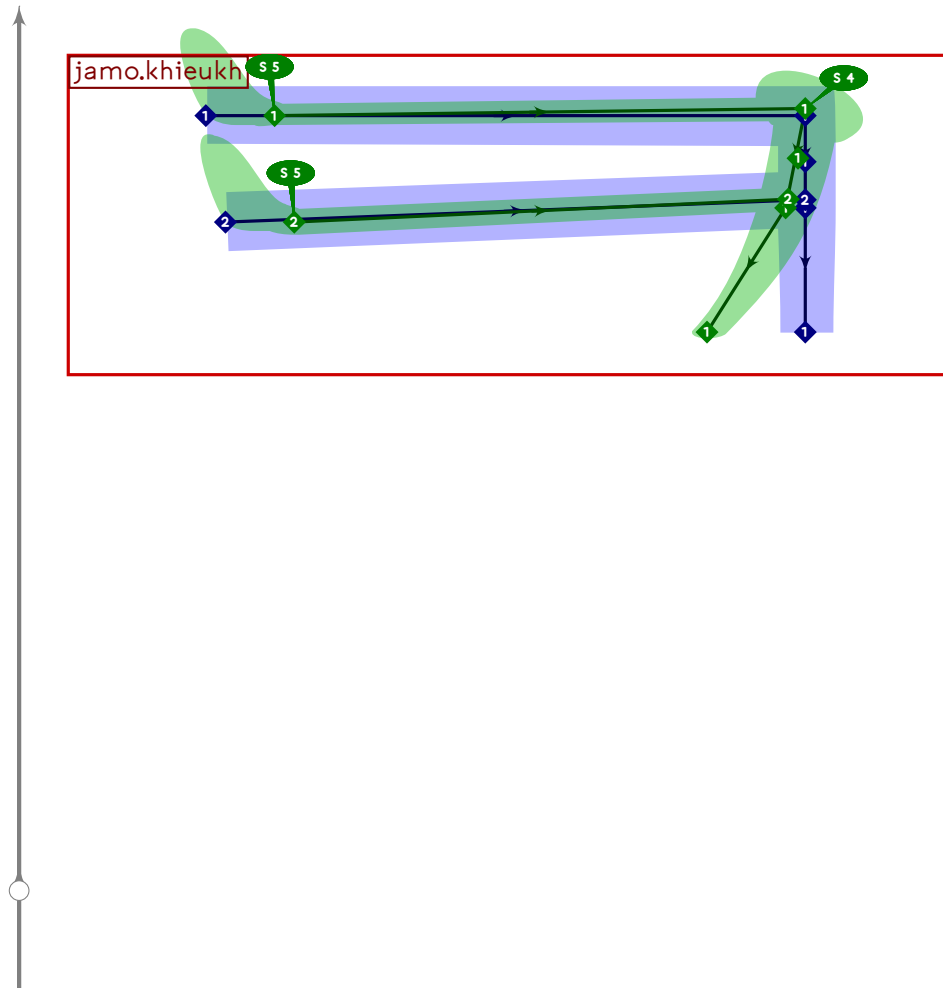
FF4



```

140 % hangul lead chieuch
141 begint Suglyph("uni110E.lj2",14);
142   hangul.jamo.sjc(2,0,false)(whatever,ljx,ljy);
143   tsu_render;
144 endts Suglyph;
145

```



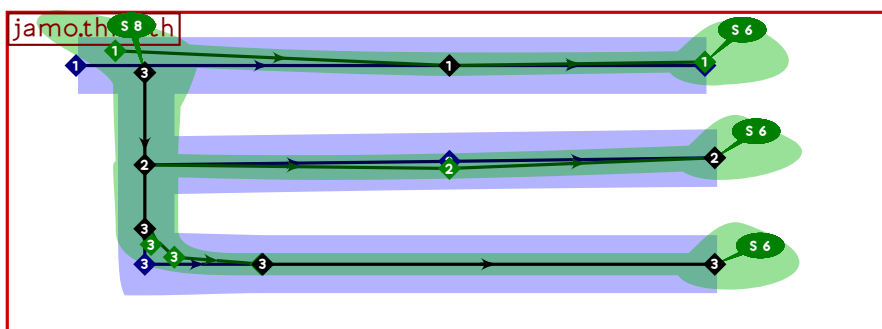
FF4

```

146 % hangul lead khieukh
147 beginsuglyph("uni110F.lj2",15);
148 hangul.jamo.khieukh(whatever,lixf,loxf);
149 tsu_render;
150 endsuglyph;
151

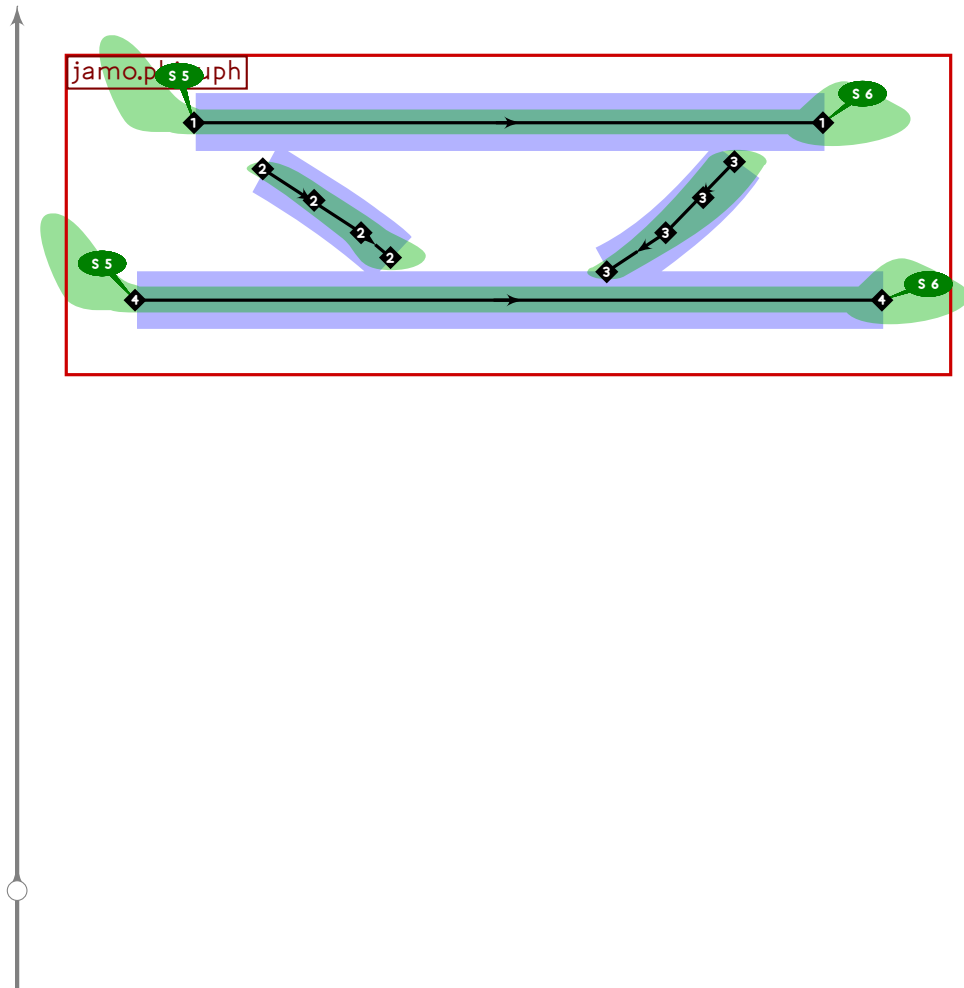
```

U+FF410  
jieub.uni1110.lj2



FF4

```
152 % hangul lead thieuth
153 begintsuglyph("uni1110.lj2",16);
154 hangul.jamo.thieuth(whatever,lixf,loxf);
155 tsu_render;
156 endtsuglyph;
157
```



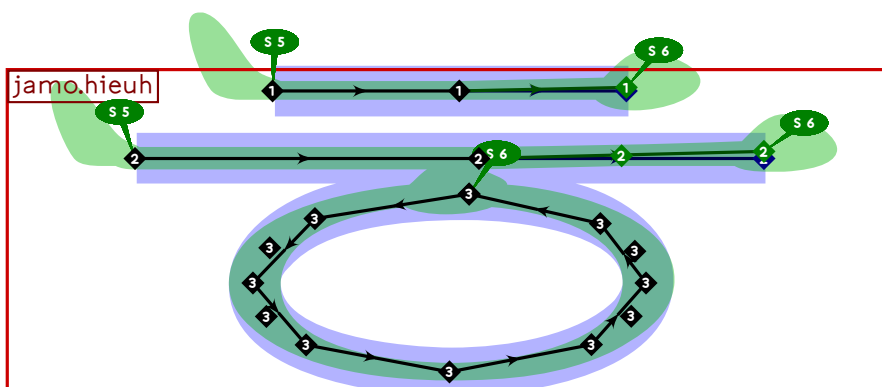
FF4

```

158 % hangul lead phieuph
159 begintsuglyph("uni1111.lj2",17);
160 hangul.jamo.phieuph(whatever,lixf,loxf);
161 tsu_render;
162 endtsuglyph;
163

```

U+FF412  
jieub.uni1112.lj2



FF4

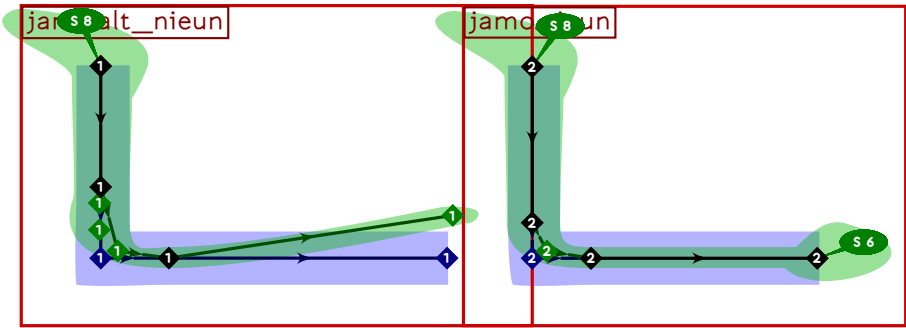
```
164 % hangul lead hieuh
165 beginsuglyph("uni1112.lj2",18);
166   hangul.jamo.hieuh(whatever,lixf,loxf);
167   tsu_render;
168 endsuglyph;
169
```



3999

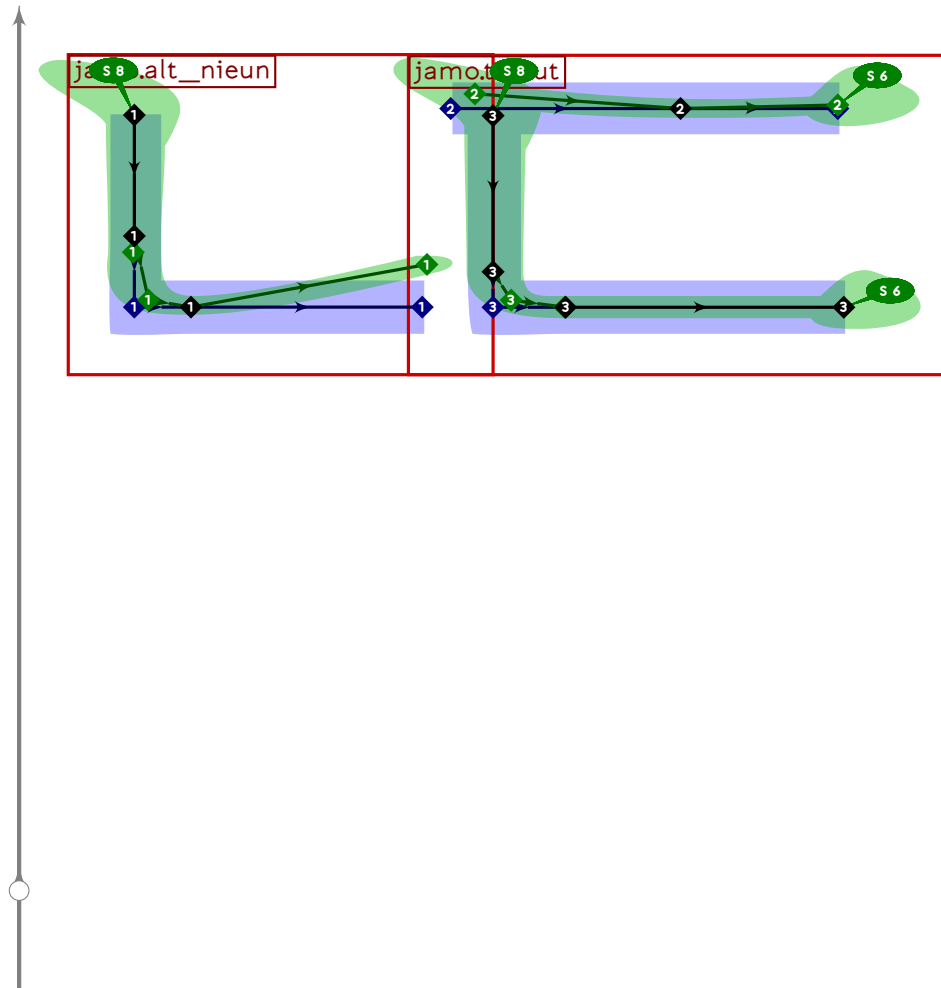
U+FF414  
jieub.uni1114.lj2

FF4



```
176 % hangul lead ssangnieun
177 begintsuglyph("uni1114.lj2";20);
178   hangul.combine.lr(202,102)(whatever,lixf,loxf);
179   tsu_render;
180 endsuglyph;
181
```





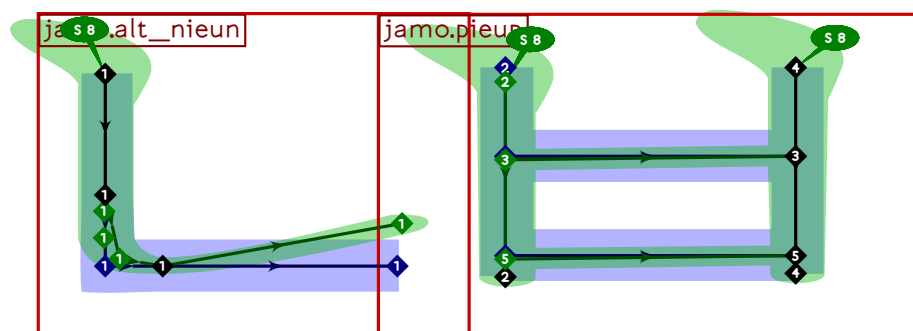
FF4

```

182 % hangul lead nieun-tikeut
183 beginsuglyph("uni1115.lj2";21);
184   hangul.combine.lr(202,103)(whatever,lixf,loxf);
185   tsu_render;
186 endsuglyph;
187

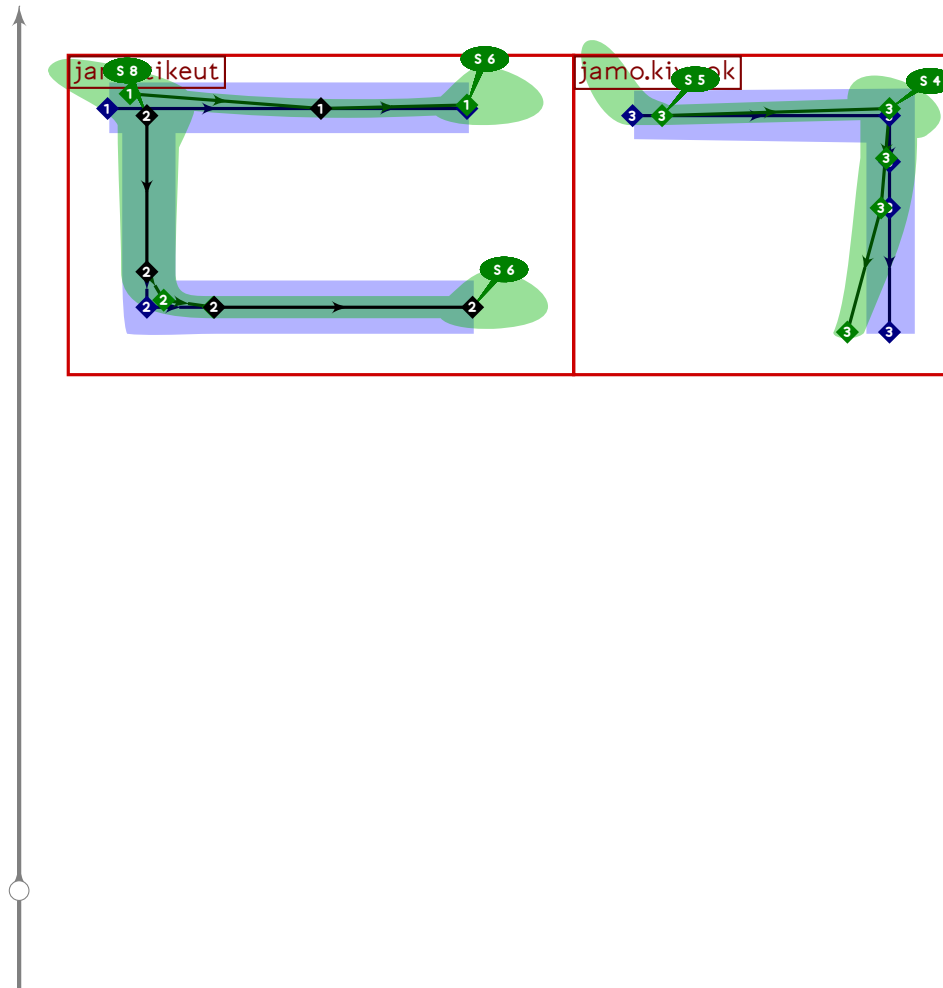
```

U+FF416  
jieub.uni1116.lj2



FF4

```
188 % hangul lead nieun-pieup
189 begintsuglyph("uni1116.lj2";22);
190 hangul.combine.lr(202,107)(whatever,lixf,loxf);
191 tsu_render;
192 endtsuglyph;
193
```



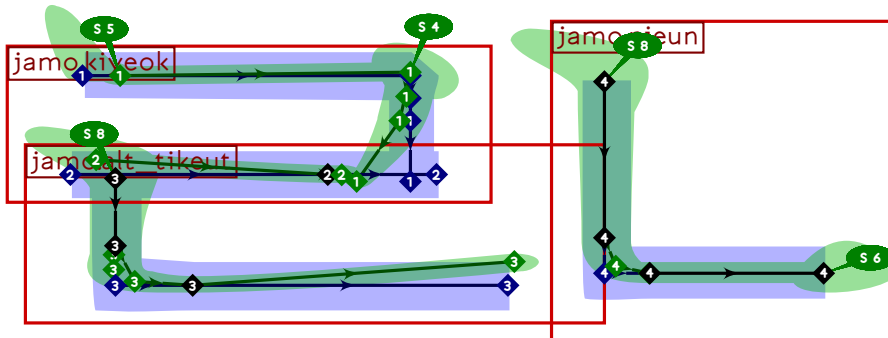
FF4

```

194 % hangul lead tikeut-kiyeok
195 beginsuglyph("uni1117.lj2";23);
196   hangul.combine.lr(103,100)(whatever,lixf,loxf);
197   tsu_render;
198 endsuglyph;
199

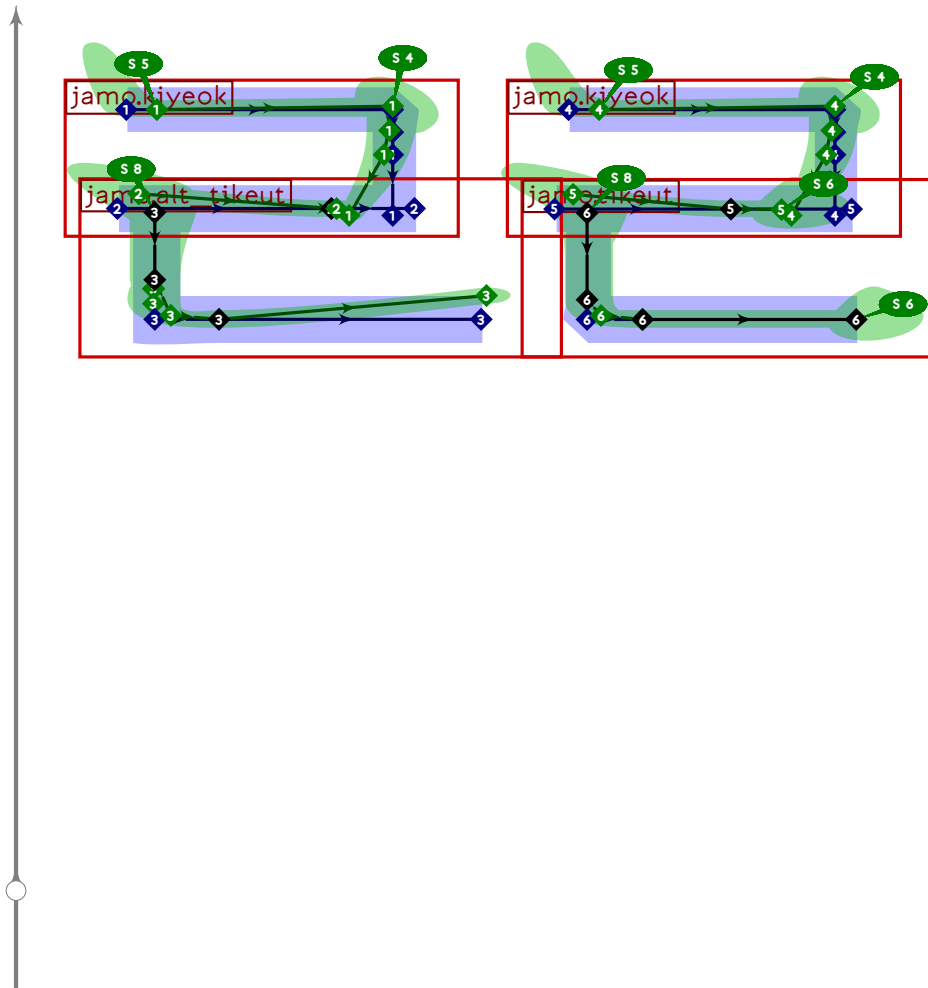
```

U+FF418  
jieub.uni1118.lj2



FF4

```
200 % hangul lead rieul-nieun
201 beginsuglyph("uni1118.lj2";24);
202   hangul.combine.lr(205,102)(whatever,lixf,loxf);
203   tsu_render;
204 endsuglyph;
205
```



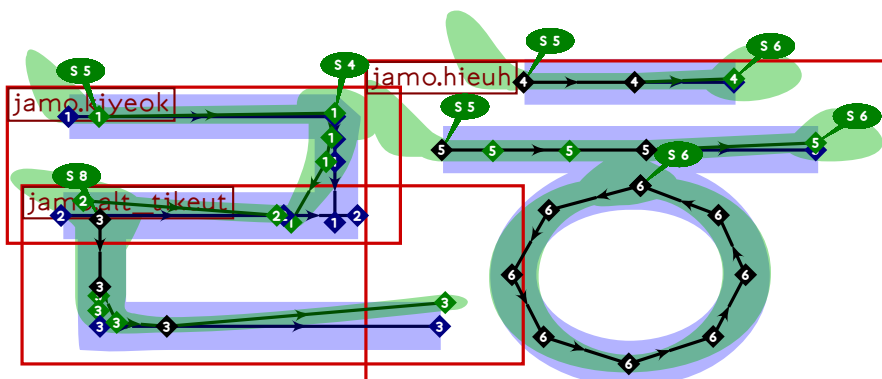
FF4

```

206 % hangul lead ssangrieul
207 begintsuglyph("uni1119.lj2";25);
208 hangul.combine.lr(205,105)(whatever,lxf,loxf);
209 tsu_render;
210 endsuglyph;
211

```

U+FF41A  
jieub.uni111A.lj2

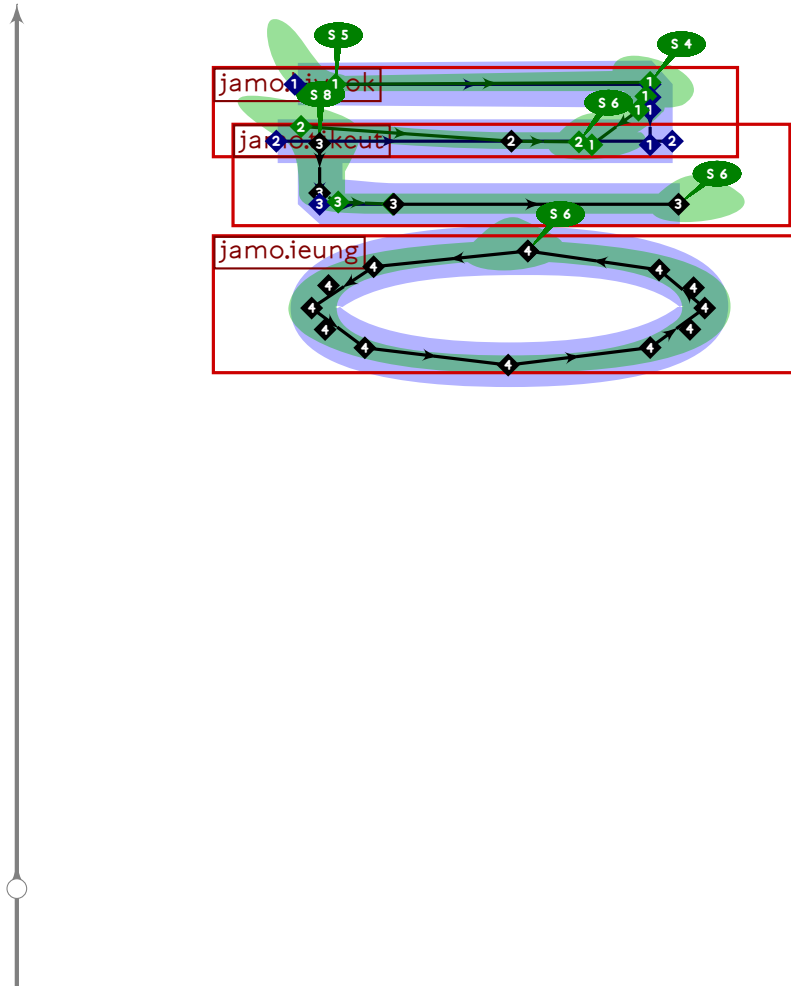


FF4

```

212 % hangul lead rieul-hieuh
213 beginsuglyph("uni111A.lj2",26);
214   hangul.combine.lr(205,118)(whatever,lixf,loxf);
215   tsu_render;
216 endsuglyph;
217

```



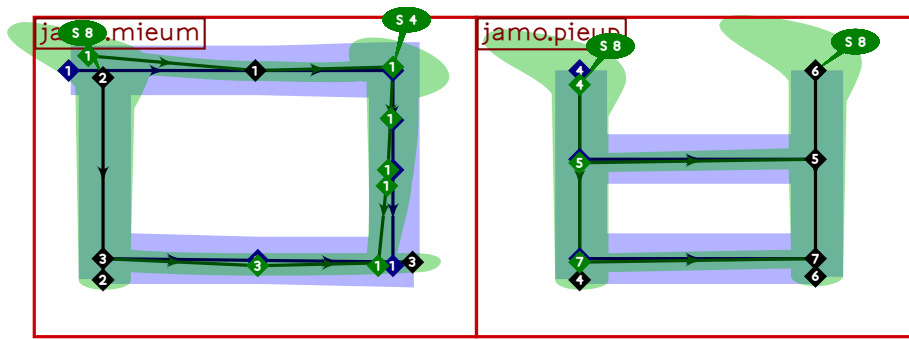
FF4

```

218 % hangul lead kapyeounrieul
219 begintsuglyph("uni111B.lj2";27);
220 hangul.combine.tb(105,521)(whatever,
221   hxf((200,850),(800,-50)) transformed lixf,loxf);
222 tsu_render;
223 endtsuglyph;
224

```

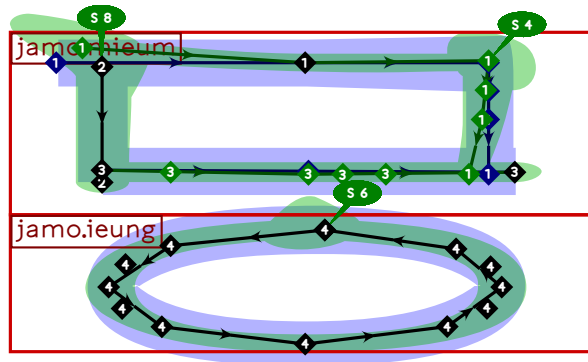
U+FF41C  
jieub.uni111C.lj2



FF4

```
225 % hangul lead mieum-pieup
226 beginsuglyph("uni111C.lj2",28);
227   hangul.combine.lr(106,107)(whatever,lixf,loxf);
228   tsu_render;
229 endsuglyph;
230
```





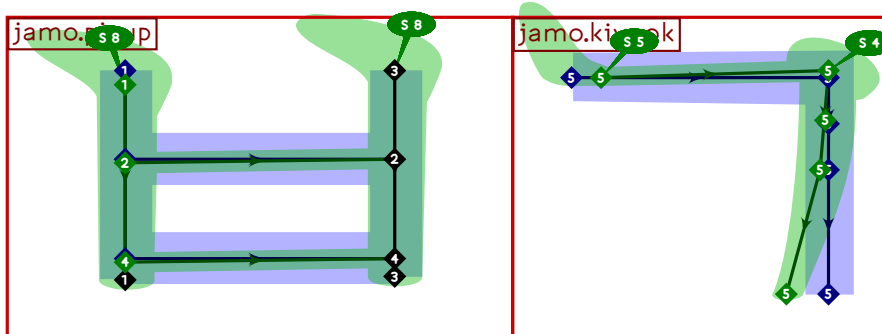
FF4

```

231 % hangul lead kapyeounmieum
232 begintsuglyph("uni111D.lj2",29);
233   hangul.combine.tb(106,521)(whatever,
234     hxf((200,850),(800,-50)) transformed lixf,loxf);
235   tsu_render;
236 endtsuglyph;
237

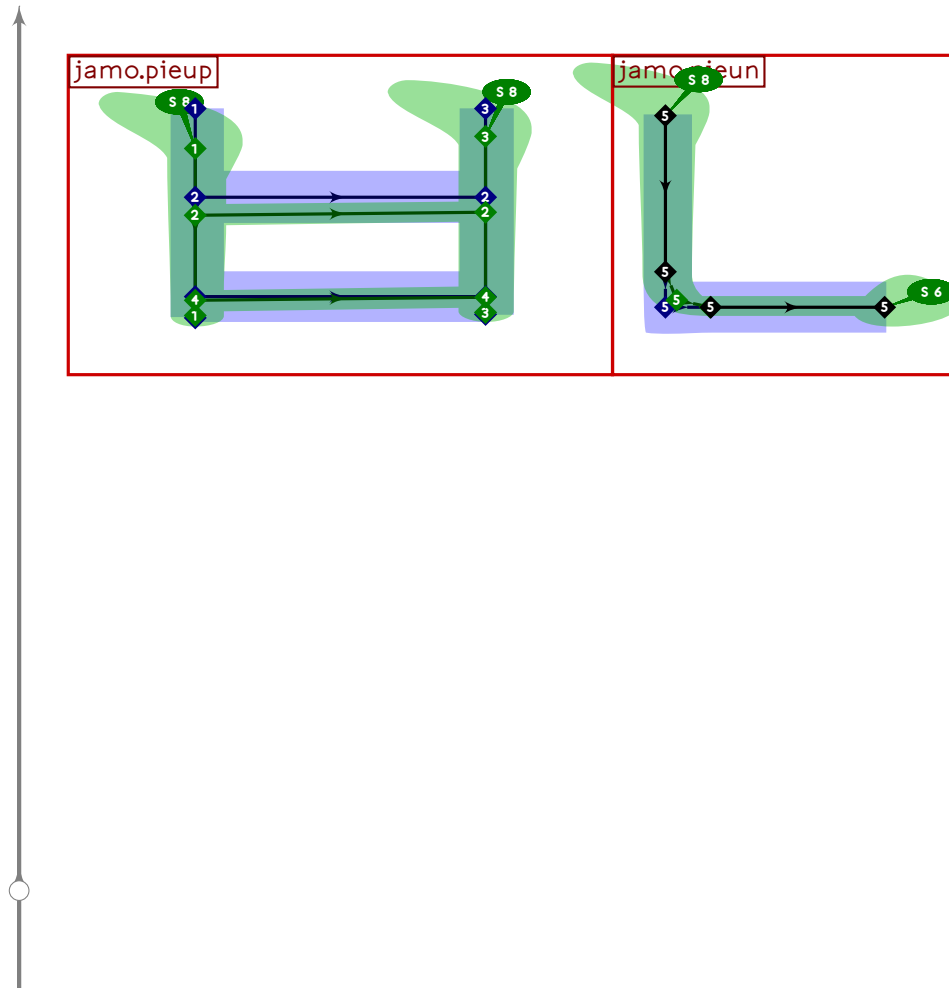
```

U+FF41E  
jieub.uni111E.lj2



FF4

```
238 % hangul lead pieup-kiyeok
239 begintsuglyph("uni111E.lj2";30);
240 hangul.combine.lr(107,100)(whatever,lixf,loxf);
241 tsu_render;
242 endtsuglyph;
243
```



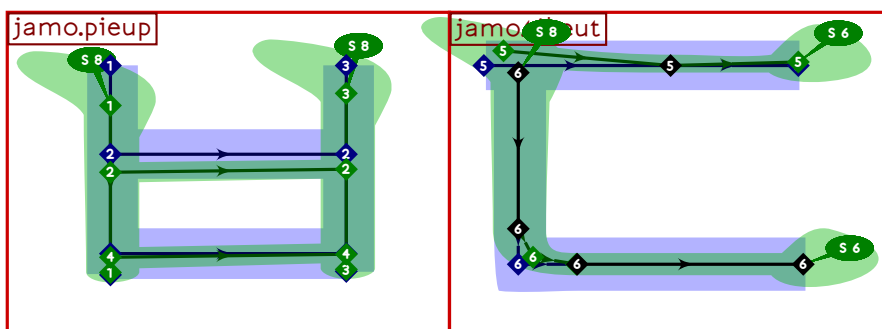
FF4

```

244 % hangul lead pieup-nieun
245 begintsuglyph("uni111F.lj2";31);
246   hangul.combine.lr(207,102)(whatever,lixf,loxf);
247   tsu_render;
248 endsuglyph;
249

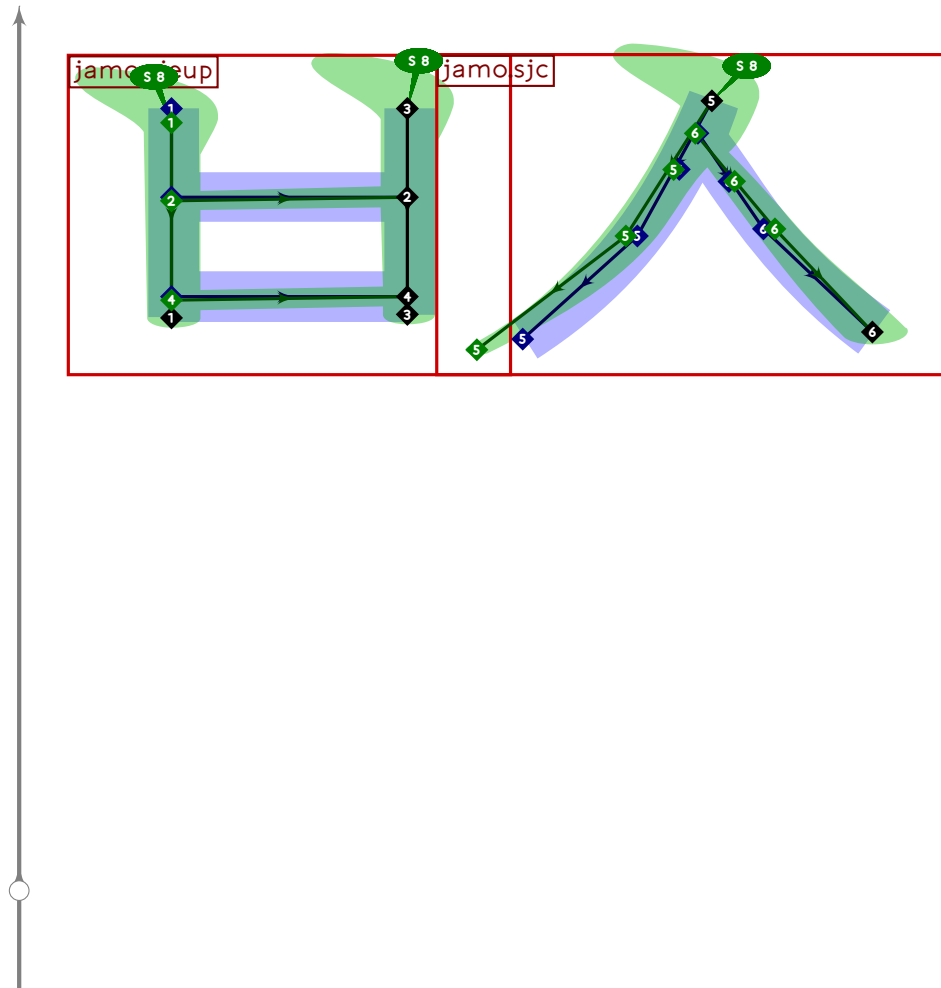
```

U+FF420  
jieub.uni1120.lj2



FF4

```
250 % hangul lead pieup-tikeut
251 begintsuglyph("uni1120.lj2",32);
252   hangul.combine.lr(207,103)(whatever,lixf,loxf);
253   tsu_render;
254 endtsuglyph;
255
```



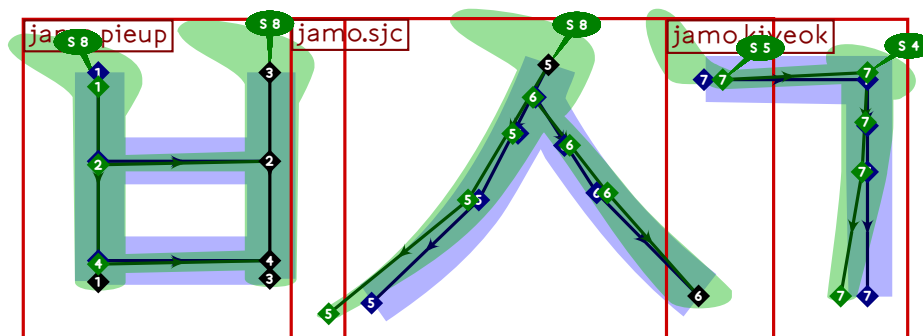
FF4

```

256 % hangul lead pieup-sios
257 begintsuglyph("uni1121.lj2";33);
258   hangul.combine.lr(107,109)(whatever,lixf,loxf);
259   tsu_render;
260 endtsuglyph;
261

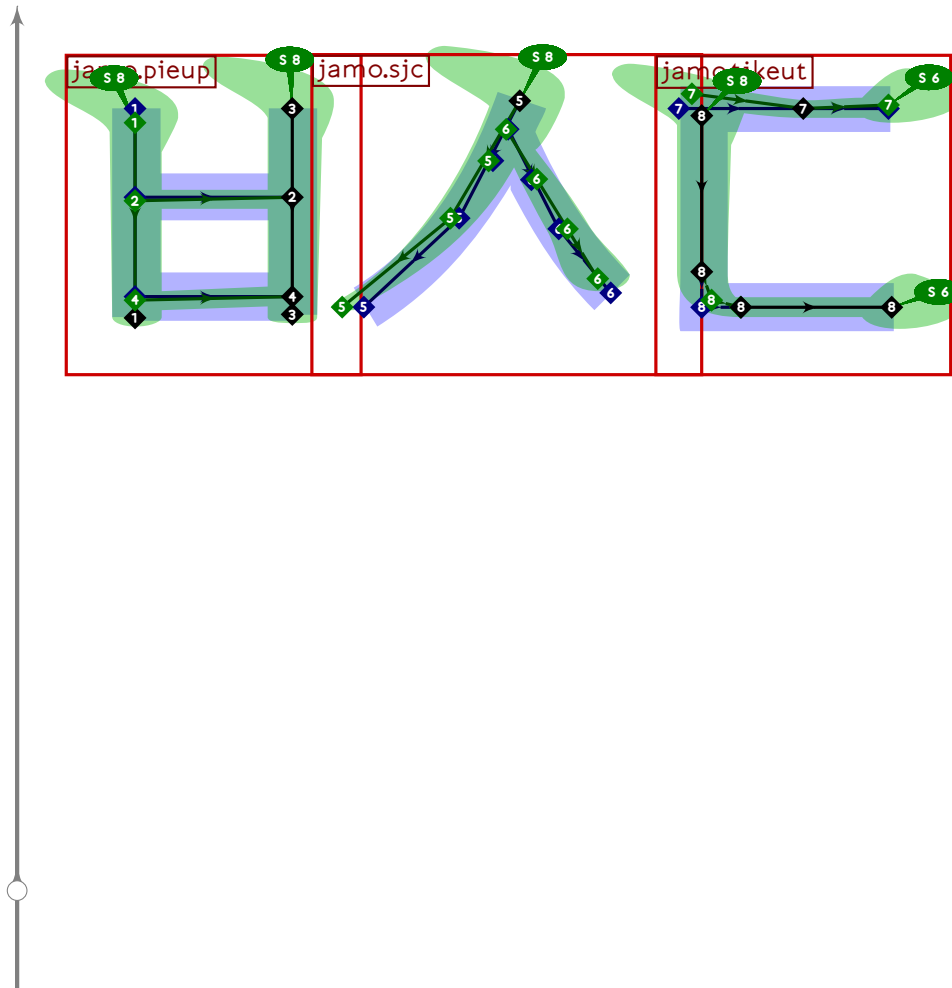
```

U+FF422  
jieub.uni1122.lj2



FF4

```
262 % hangul lead pieup-sios-kiyeok
263 beginsuglyph("uni1122.lj2",34);
264 hangul.combine.lcr(107,109,100)(whatever,lixf,loxf);
265 tsu_render;
266 endsuglyph;
267
```



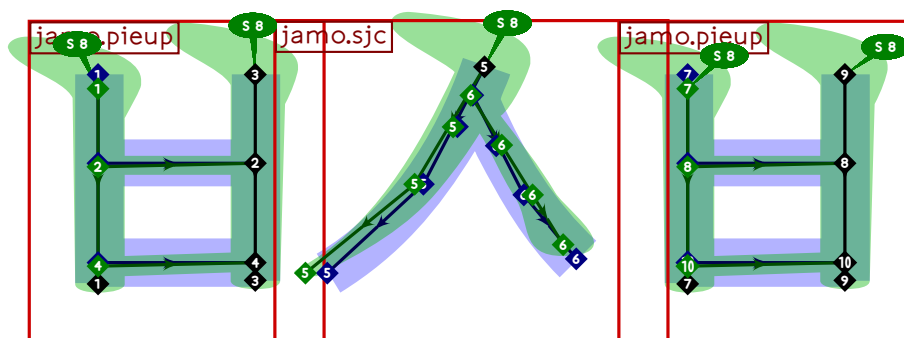
FF4

```

268 % hangul lead pieup-sios-tikeut
269 begintsuglyph("uni1123.lj2",35);
270 hangul.combine.lcr(107,209,103)(whatever,lixf,loxf);
271 tsu_render;
272 endsuglyph;
273

```

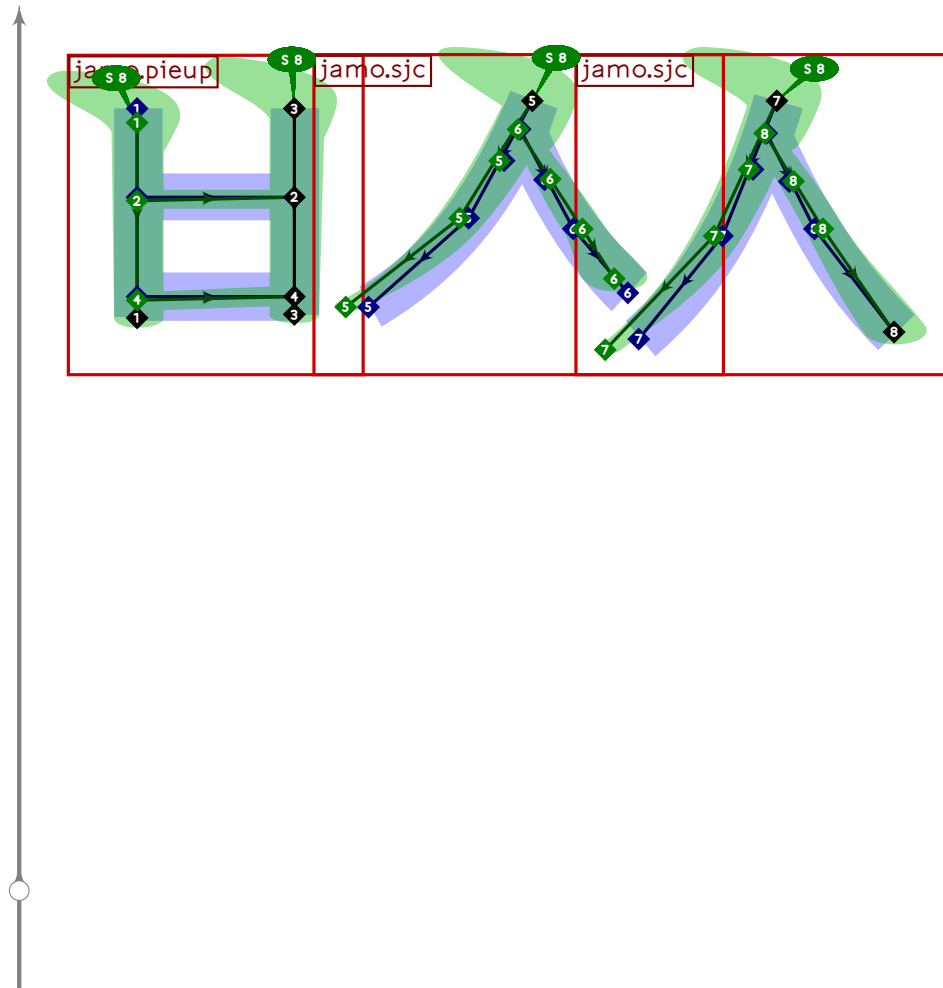
U+FF424  
jieub.uni1124.lj2



FF4

```
274 % hangul lead pieup-sios-pieup
275 begintsuglyph("uni1124.lj2",36);
276 hangul.combine.lcr(107,209,107)(whatever,lixf,loxf);
277 tsu_render;
278 endtsuglyph;
279
```





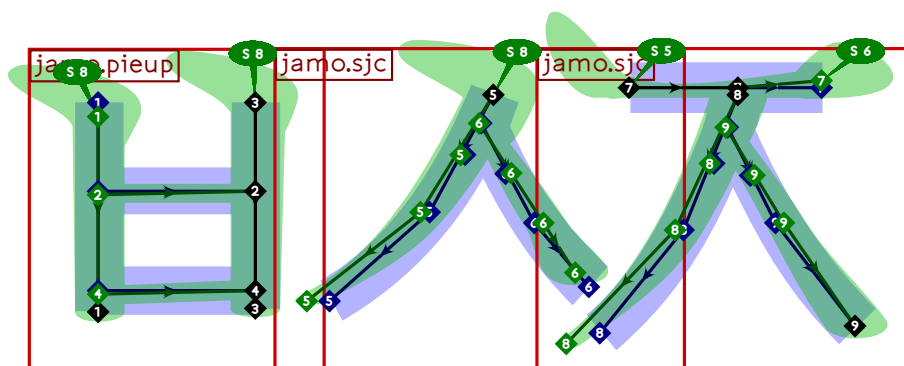
FF4

```

280 % hangul lead pieup-ssangsios
281 begintsuglyph("uni1125.lj2";37);
282   hangul.combine.lcr(107,209;109)(whatever,lixf,loxf);
283   tsu_render;
284 endtsuglyph;
285

```

U+FF426  
jieub.uni1126.lj2

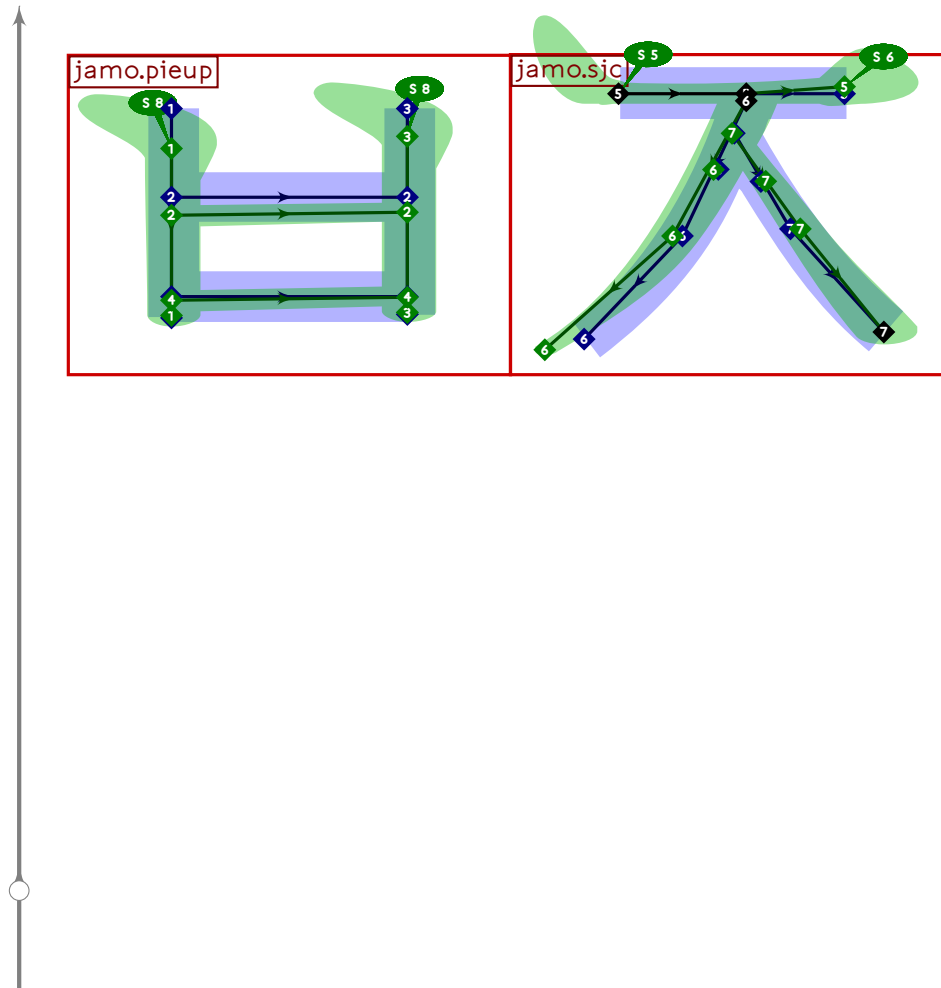


FF4

```

286 % hangul lead pieup-sios-cieuc
287 begintsuglyph("uni1126.lj2";38);
288   hangul.combine.lcr(107,209;112)(whatever,lixf,loxf);
289   tsu_render;
290 endtsuglyph;
291

```



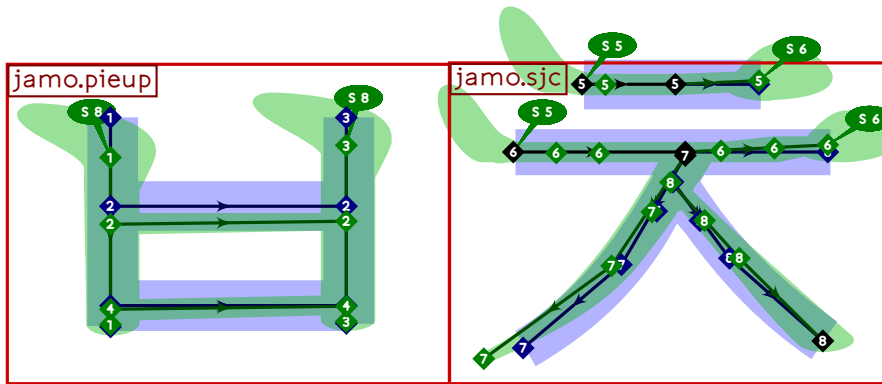
FF4

```

292 % hangul lead pieup-cieuc
293 begintsuglyph("uni1127.lj2",39);
294   hangul.combine.lr(207,112)(whatever,lixf,loxf);
295   tsu_render;
296 endsuglyph;
297

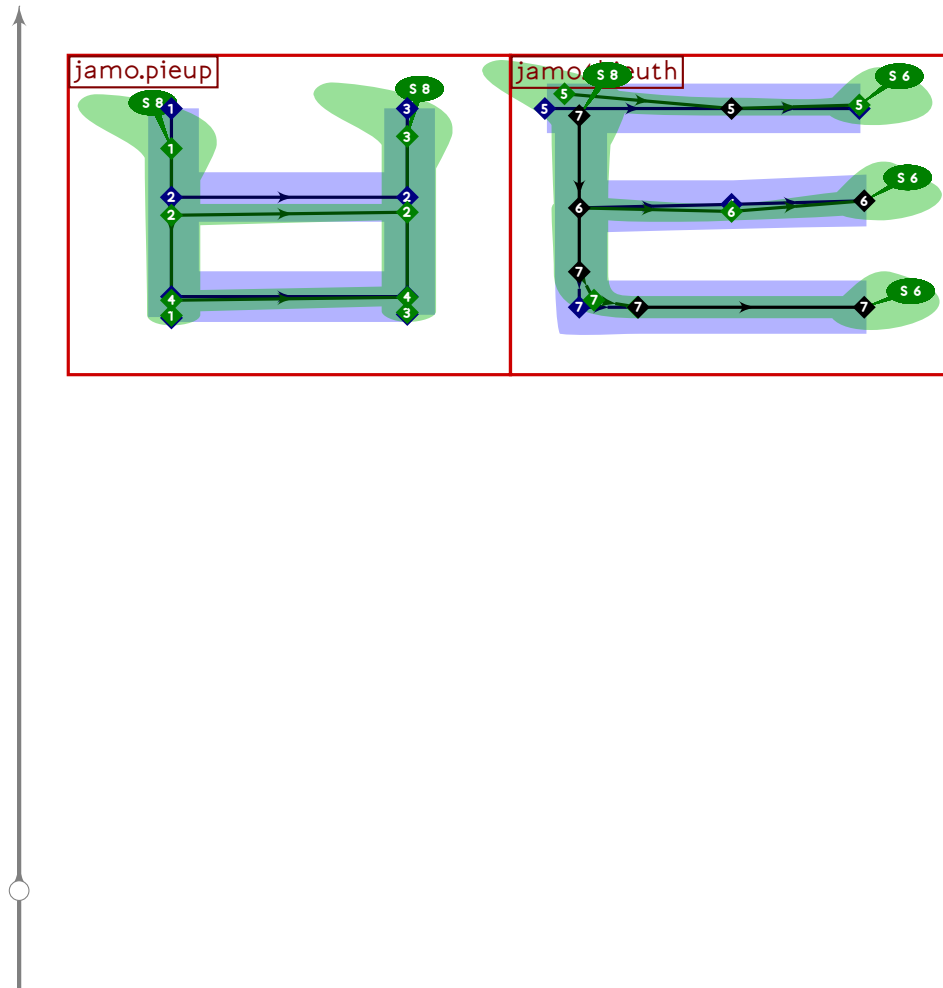
```

U+FF428  
jieub.uni1128.lj2



FF4

```
298 % hangul lead pieup-chieuch
299 begintsuglyph("uni1128.lj2";40);
300 hangul.combine.lr(207,114)(whatever,lixf,loxf);
301 tsu_render;
302 endtsuglyph;
303
```



FF4

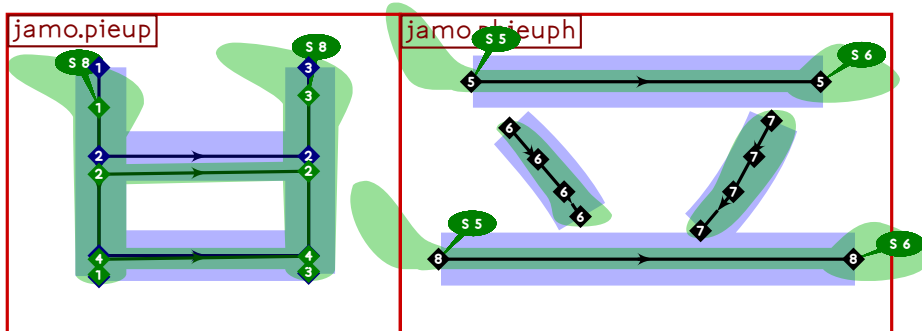
```

304 % hangul lead pieup-thieuth
305 begintsuglyph("uni1129.lj2",41);
306   hangul.combine.lr(207,116)(whatever,lixf,loxf);
307   tsu_render;
308 endtsuglyph;
309

```

U+FF42A  
jieub.uni112A.lj2

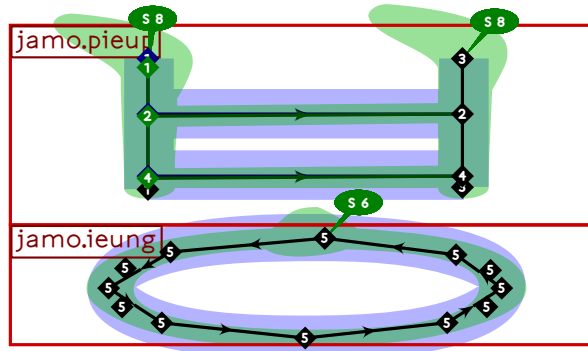
FF4



```

310 % hangul lead pieup-phieuph
311 begintsuglyph("uni112A.lj2";42);
312   hangul.combine.lr(207,117)(whatever,lixf,loxf);
313   tsu_render;
314 endtsuglyph;
315

```



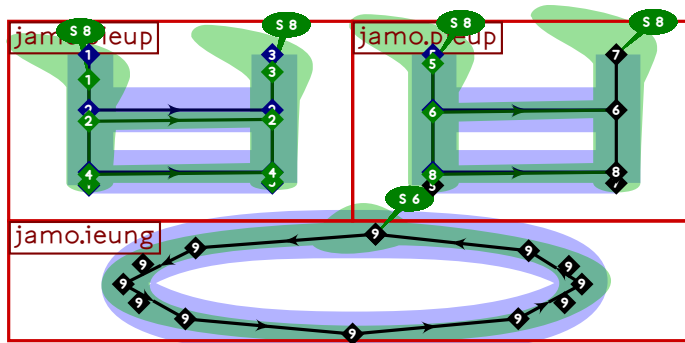
FF4

```

316 % hangul lead kapyeounpieup
317 begintsuglyph("uni112B.lj2";43);
318   hangul.combine.tb(107,521)(whatever,
319     hxf((200,850),(800,-50)) transformed lixf,loxf);
320   tsu_render;
321 endtsuglyph;
322

```

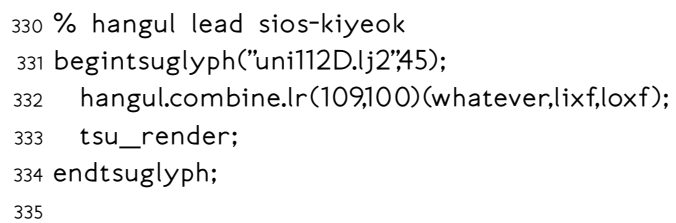
U+FF42C  
jieub.uni112C.lj2



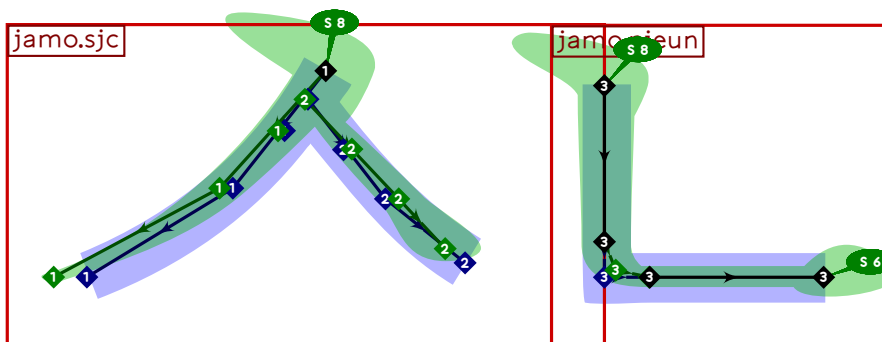
FF4

```
323 % hangul lead kapyeounssangpieup
324 begintsuglyph("uni112C.lj2";44);
325   hangul.combine.tb(108,521)(whatever,
326     hxf((150,850),(850,-50)) transformed lixf,loxf);
327   tsu_render;
328 endtsuglyph;
329
```



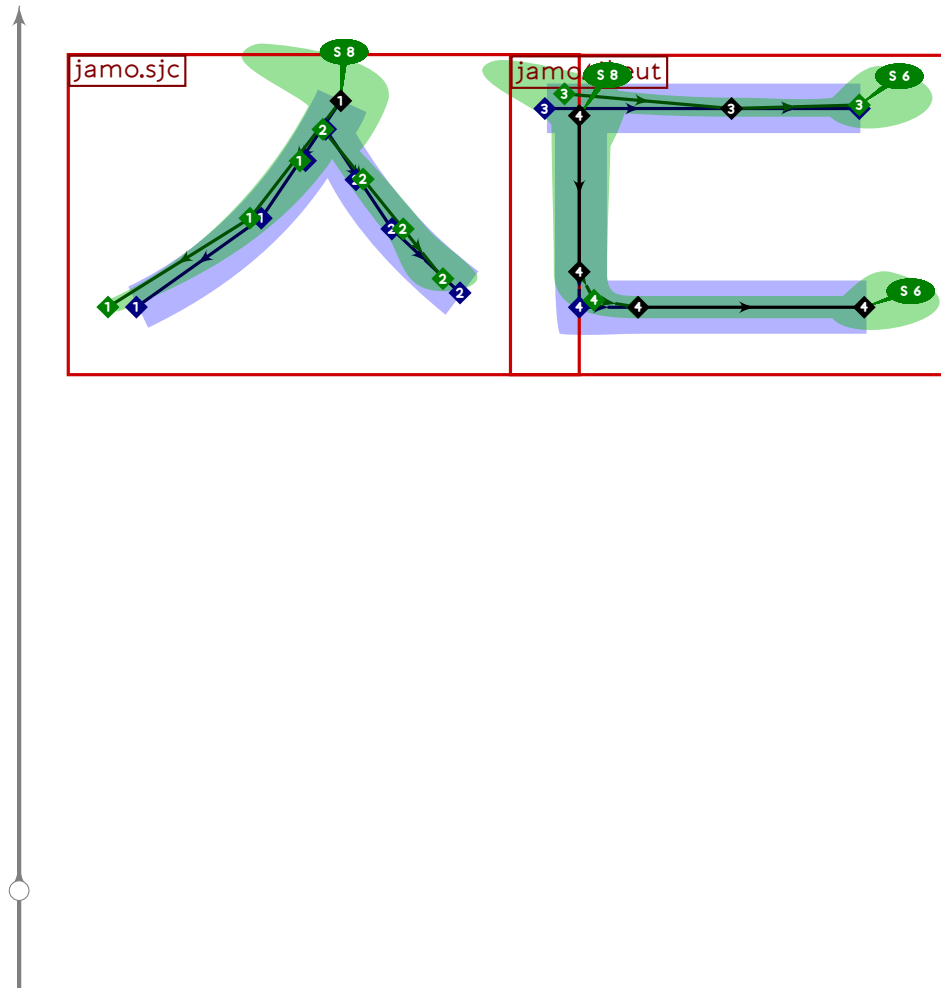


U+FF42E  
jieub.uni112E.lj2



FF4

```
336 % hangul lead sios-nieun
337 begintsuglyph("uni112E.lj2";46);
338   hangul.combine.lr(209,102)(whatever,lixf,loxf);
339   tsu_render;
340 endtsuglyph;
341
```



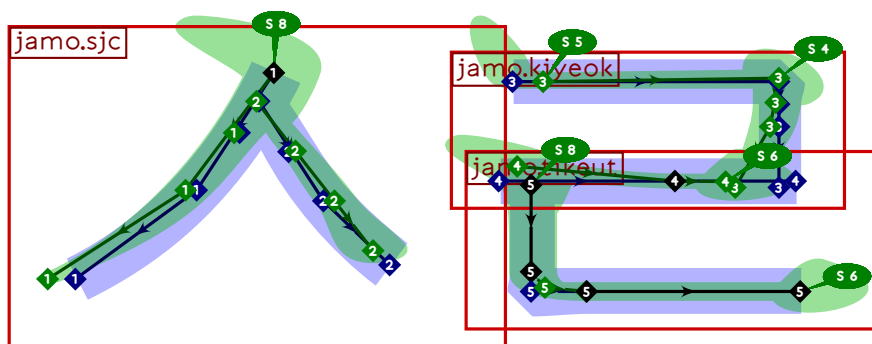
FF4

```

342 % hangul lead sios-tikeut
343 beginsuglyph("uni112F.lj2",47);
344   hangul.combine.lr(209,103)(whatever,lixf,loxf);
345   tsu_render;
346 endsuglyph;
347

```

U+FF430  
jieub.uni1130.lj2

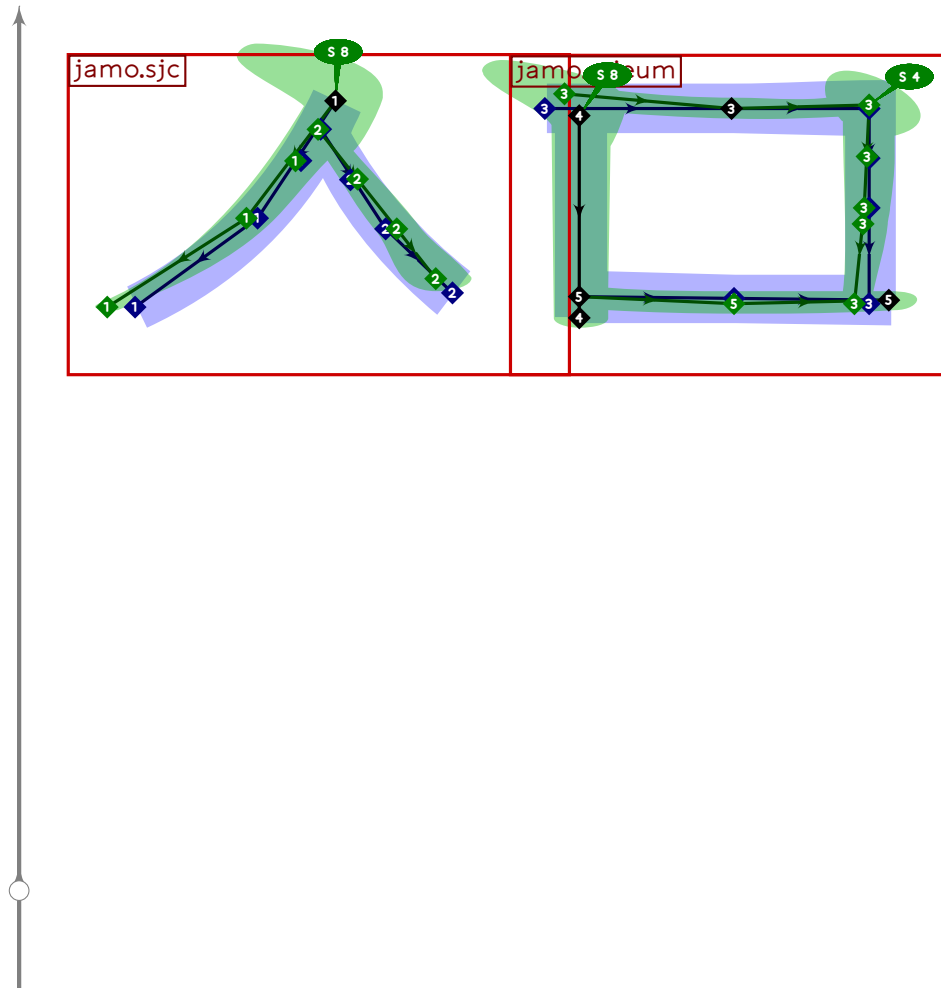


FF4

```

348 % hangul lead sios-rieul
349 begintsuglyph("uni1130.lj2";48);
350   hangul.combine.lr(209,105)(whatever,lixf,loxf);
351   tsu_render;
352 endtsuglyph;
353

```



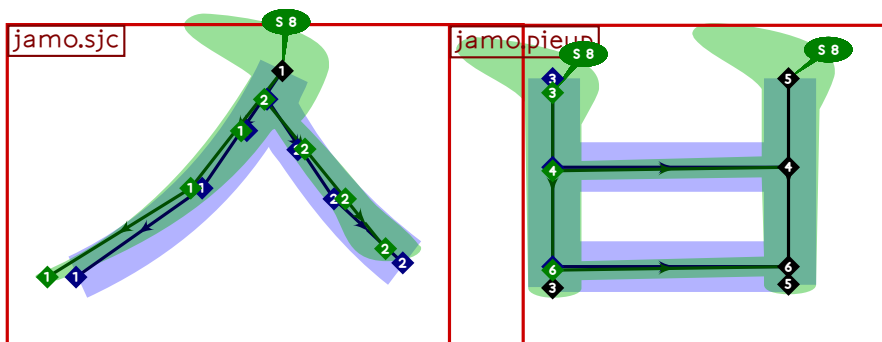
FF4

```

354 % hangul lead sios-mieum
355 begintsuglyph("uni1131.lj2";49);
356   hangul.combine.lr(209,106)(whatever,lixf,loxf);
357   tsu_render;
358 endsuglyph;
359

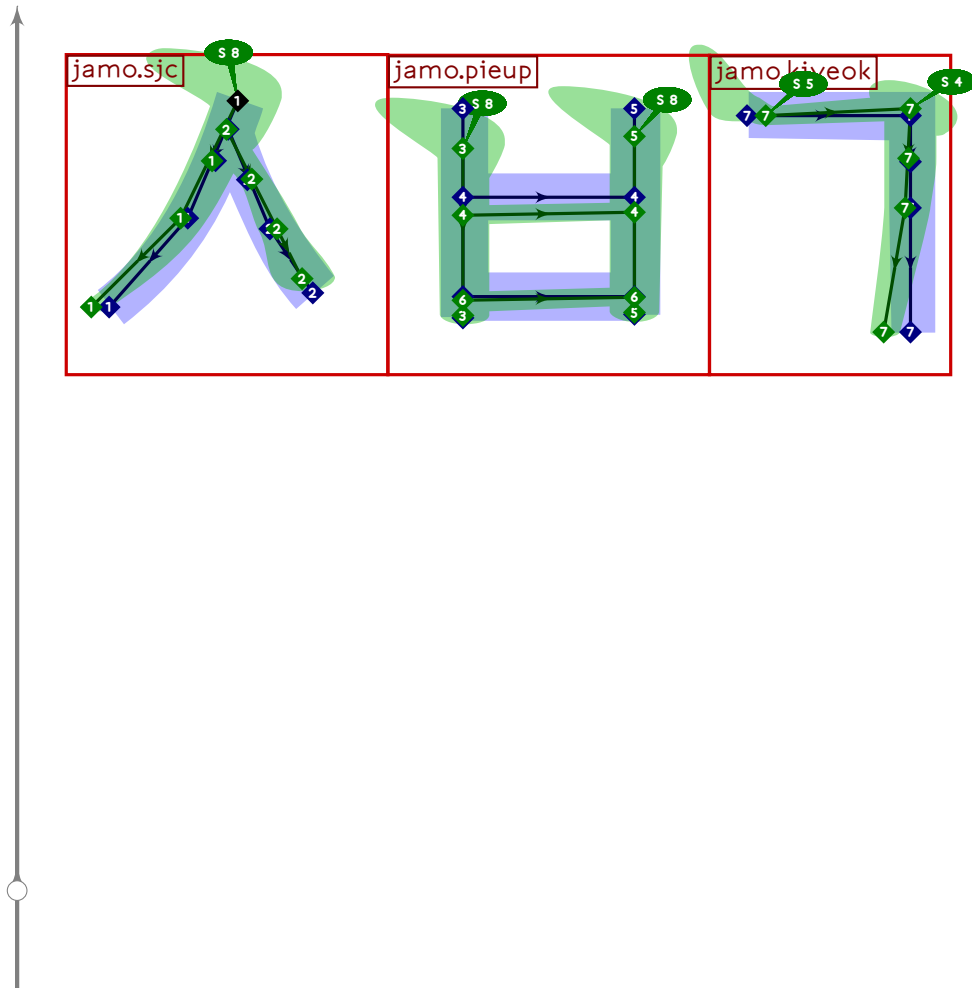
```

U+FF432  
jieub.uni1132.lj2



FF4

```
360 % hangul lead sios-pieup
361 begintsuglyph("uni1132.lj2",50);
362   hangul.combine.lr(209,107)(whatever,lixf,loxf);
363   tsu_render;
364 endtsuglyph;
365
```



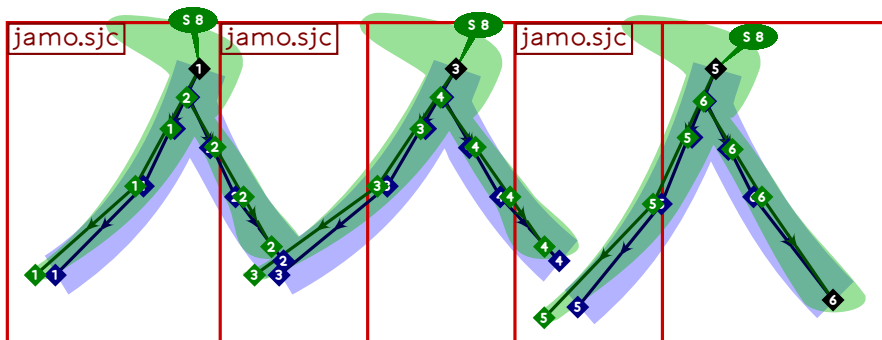
FF4

```

366 % hangul lead sios-pieup-kiyeok
367 begintsuglyph("uni1133.lj2",51);
368   hangul.combine.lcr(209,207,100)(whatever,lixf,loxf);
369   tsu_render;
370 endtsuglyph;
371

```

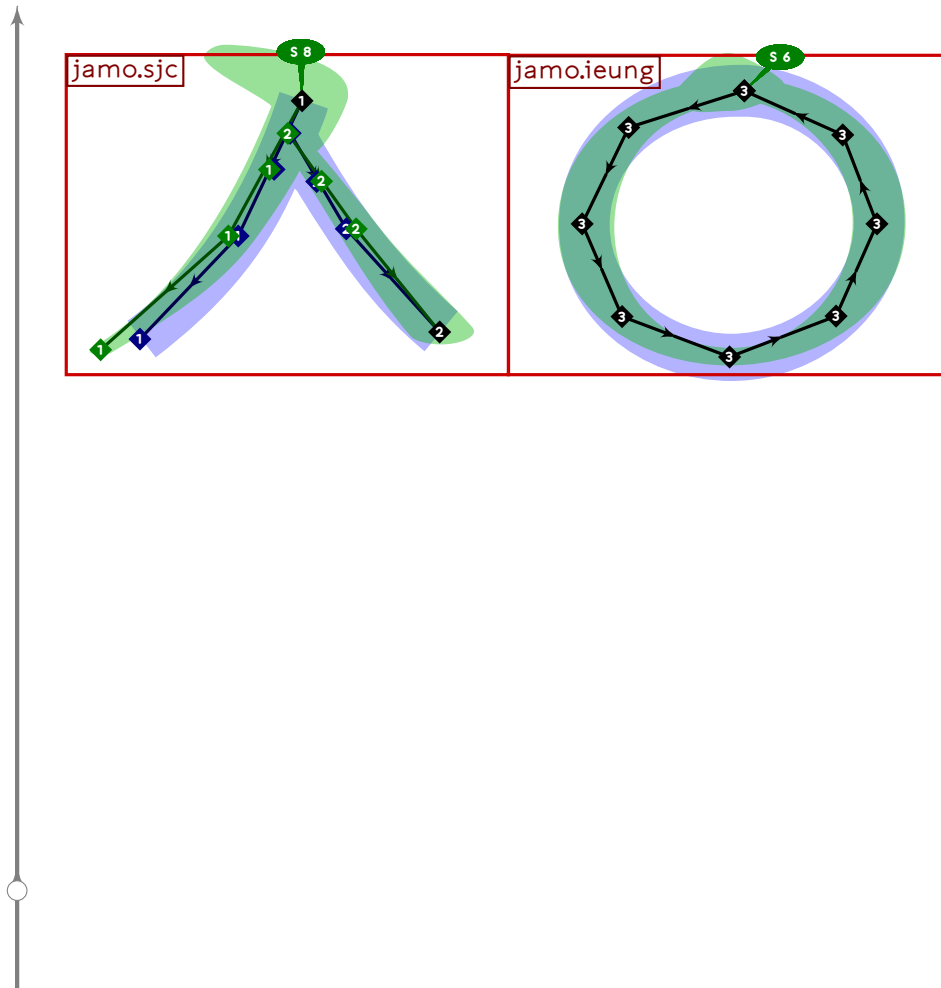
U+FF434  
jieub.uni1134.lj2



FF4

```
372 % hangul lead sios-sios-sios
373 begintsuglyph("uni1134.lj2";52);
374 hangul.combine.lcr(209,209,109)(whatever,lixf,loxf);
375 tsu_render;
376 endtsuglyph;
377
```





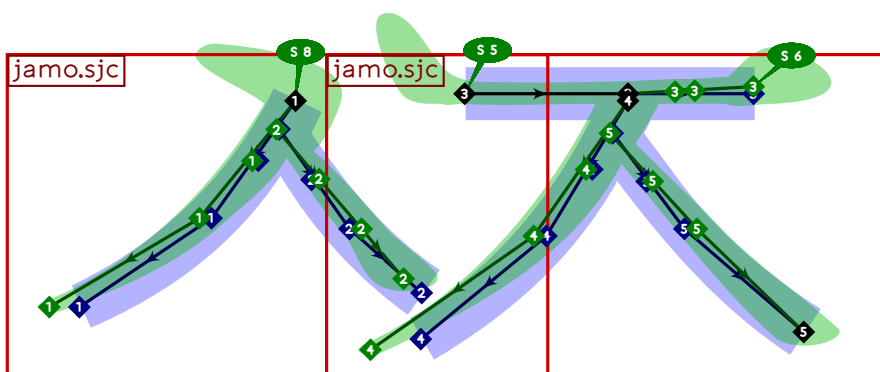
FF4

```

378 % hangul lead sios-ieung
379 beginsuglyph("uni1135.lj2",53);
380 hangul.combine.lr(109,111)(whatever,lixf,loxf);
381 tsu_render;
382 endsuglyph;
383

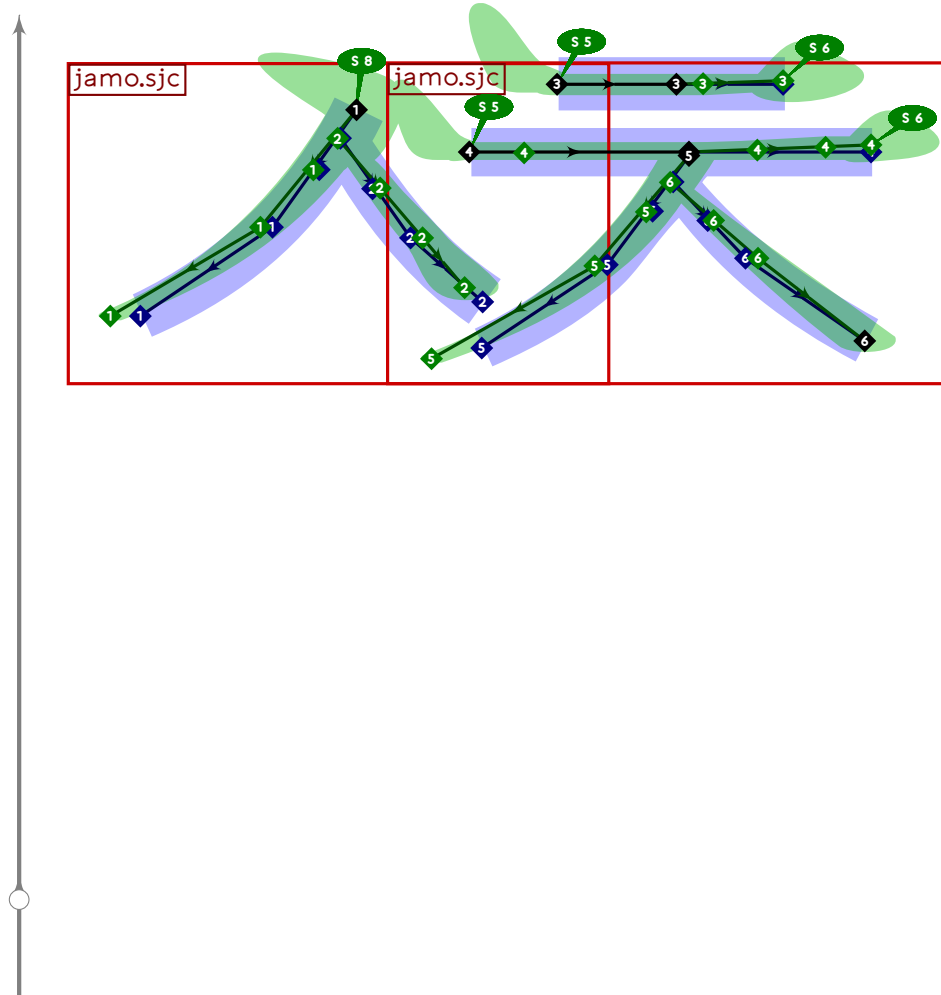
```

U+FF436  
jieub.uni1136.lj2



FF4

```
384 % hangul lead sios-cieuc
385 begintsuglyph("uni1136.lj2",54);
386   hangul.combine.lr(209,112)(whatever,lixf,loxf);
387   tsu_render;
388 endtsuglyph;
389
```



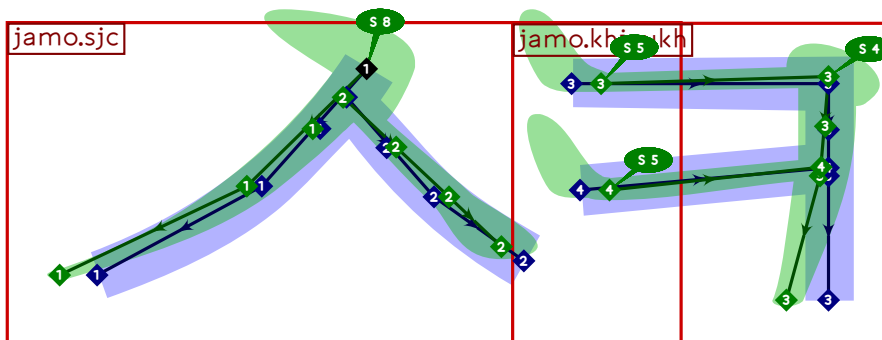
FF4

```

390 % hangul lead sios-chieuch
391 begint Suglyph("uni1137.lj2",55);
392   hangul.combine.lr(209,114)(whatever,lixf,loxf);
393   tsu_render;
394 endtsuglyph;
395

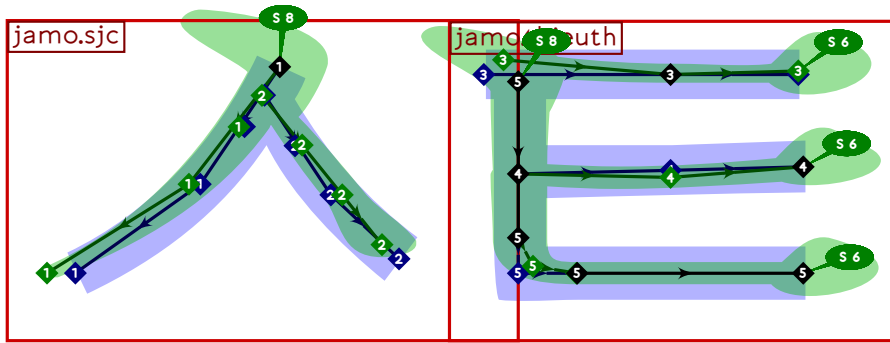
```

U+FF438  
jieub.uni1138.lj2



FF4

```
396 % hangul lead sios-khieukh
397 begintsuglyph("uni1138.lj2",56);
398 hangul.combine.lr(209,115)(whatever,lixf,loxf);
399 tsu_render;
400 endtsuglyph;
401
```



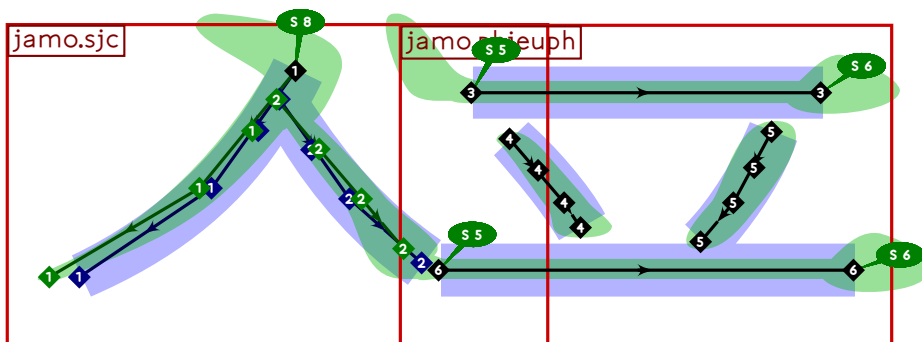
FF4

```

402 % hangul lead sios-thieuth
403 begintsuglyph("uni1139.lj2",57);
404   hangul.combine.lr(209,116)(whatever,lixf,loxf);
405   tsu__render;
406 endtsuglyph;
407

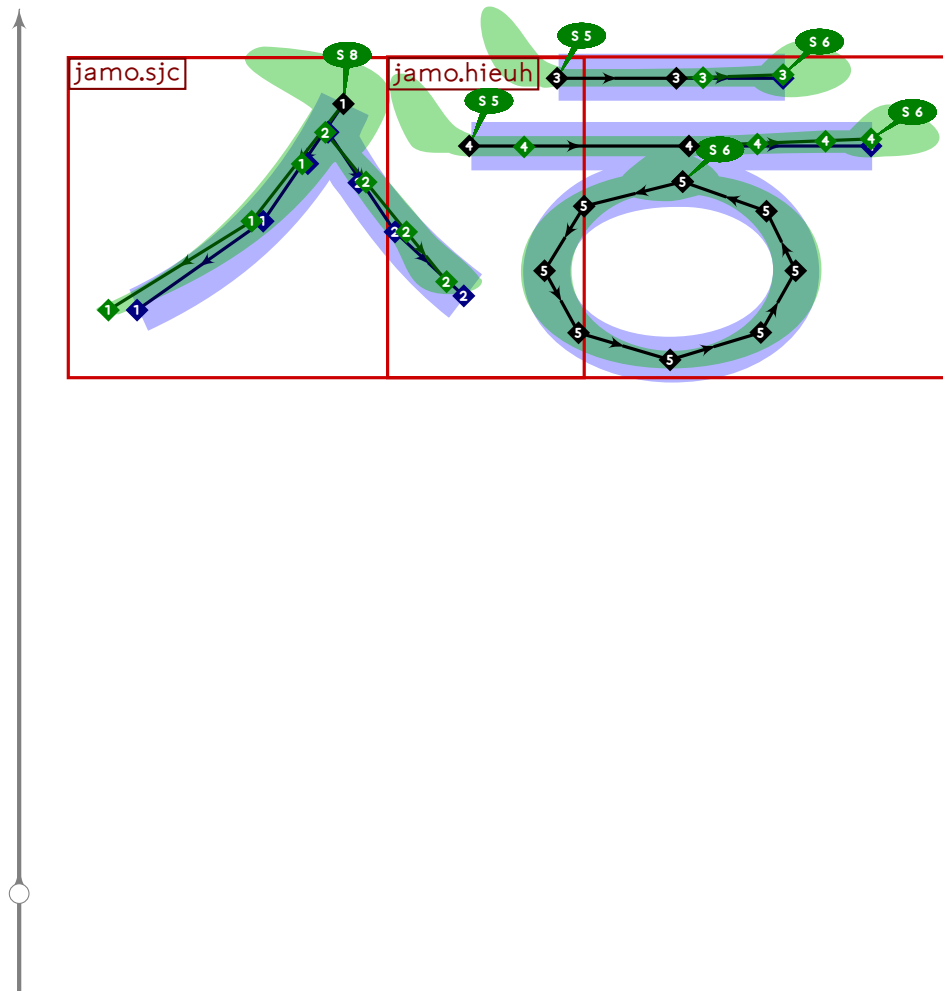
```

U+FF43A  
jieub.uni113A.lj2



FF4

```
408 % hangul lead sios-phieuph
409 begintsuglyph("uni113A.lj2",58);
410 hangul.combine.lr(209,117)(whatever,lixf,loxf);
411 tsu_render;
412 endtsuglyph;
413
```



FF4

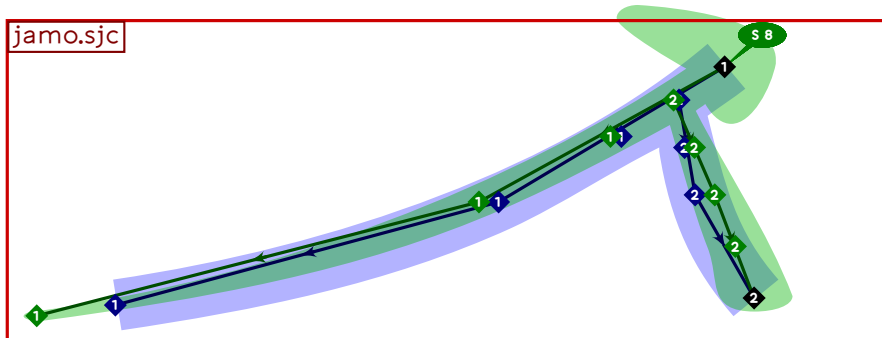
```

414 % hangul lead sios-hieuh
415 begintsuglyph("uni113B.lj2",59);
416   hangul.combine.lr(209,118)(whatever,lixf,loxf);
417   tsu_render;
418 endtsuglyph;
419

```

U+FF43C  
jieub.uni113C.lj2

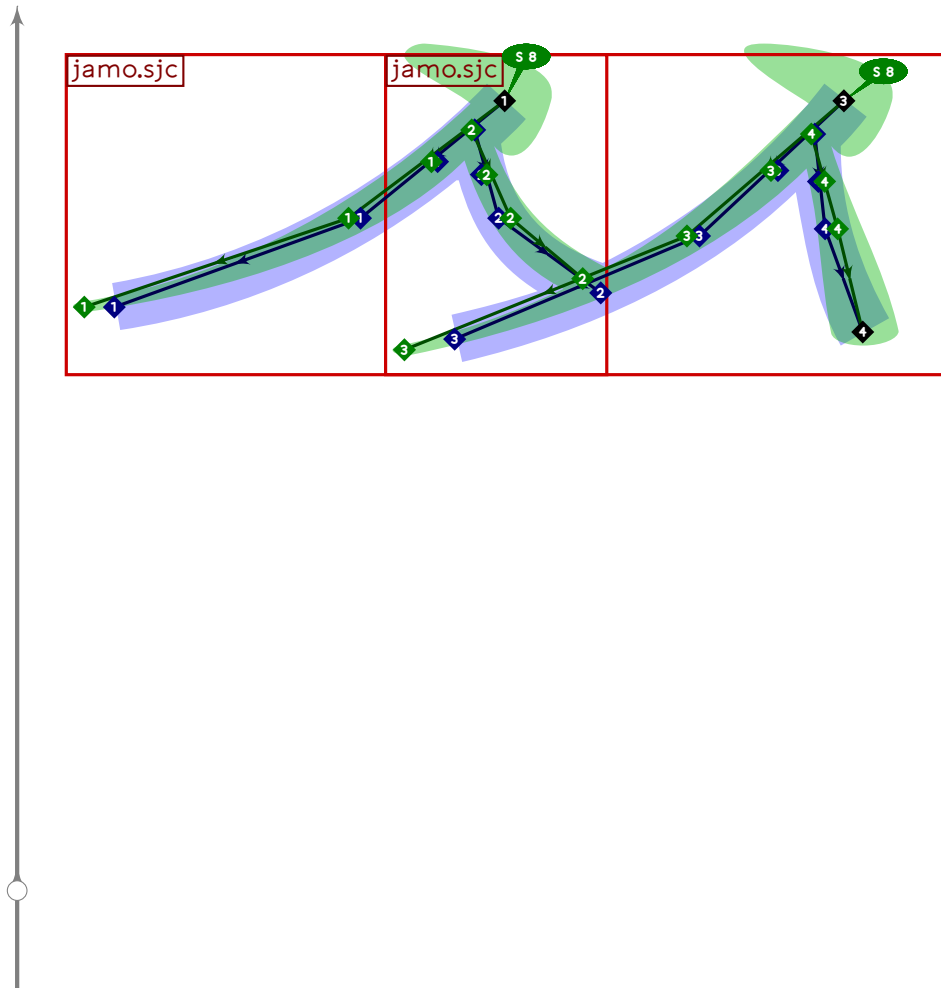
jamo.sjc



FF4

```
420 % hangul lead chitueumsios
421 beginsuglyph("uni113C.lj2",60);
422   hangul.jamo.sjc(0,1,false)(whatever,lixf,loxf);
423   tsu_render;
424 endsuglyph;
425
```





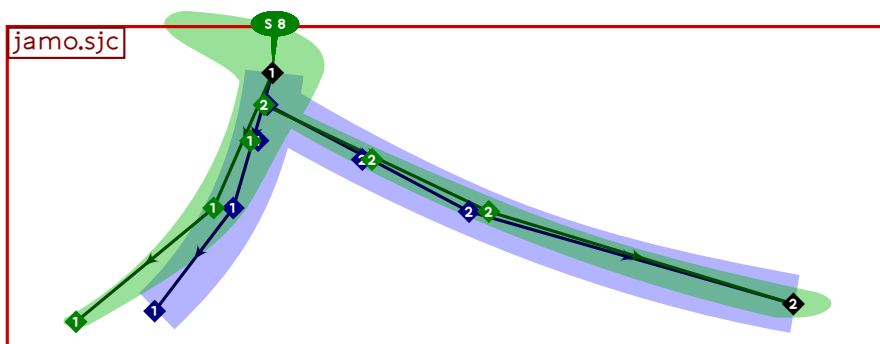
FF4

```

426 % hangul lead chitueumssangsios
427 begintsuglyph("uni113D.lj2",61);
428   hangul.combine.lr(223,222)(whatever,lixf,loxf);
429   tsu_render;
430 endtsuglyph;
431

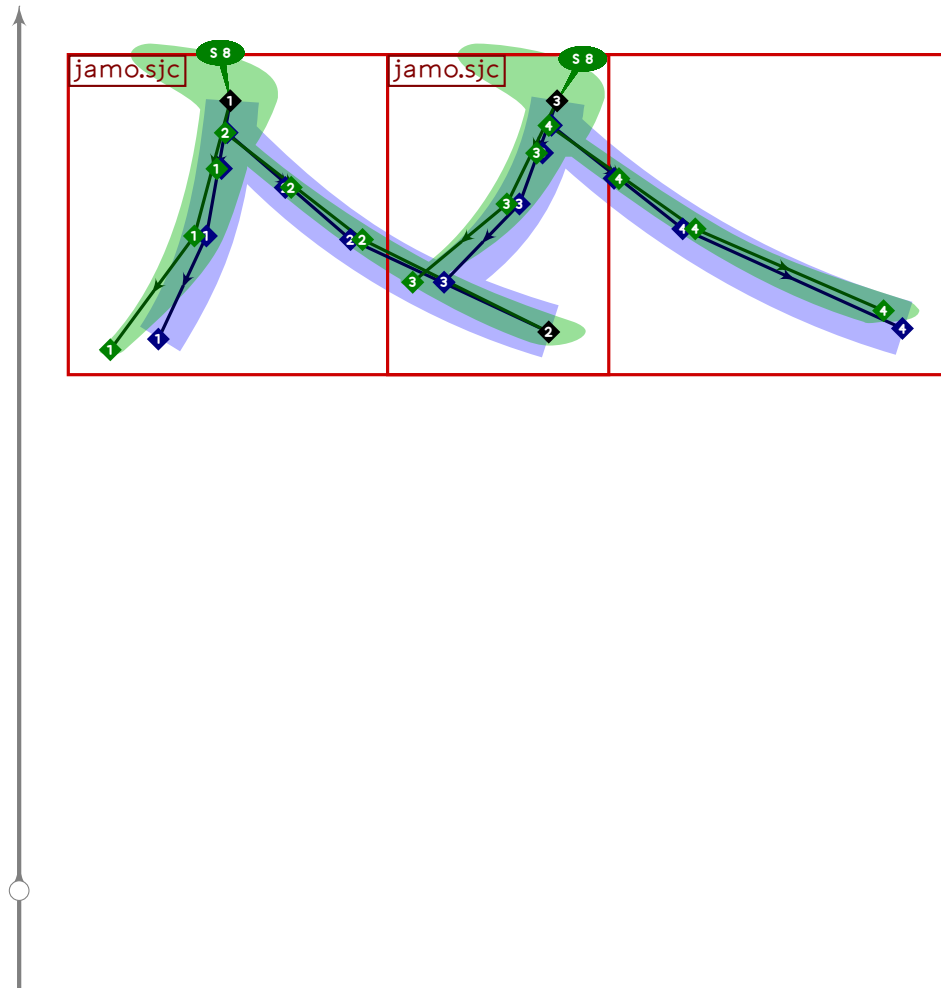
```

U+FF43E  
jieub.uni113E.lj2



FF4

```
432 % hangul lead ceongchieumsios
433 begintsuglyph("uni113E.lj2",62);
434 hangul.jamo.sjc(0,-1,false)(whatever,lixf,loxf);
435 tsu_render;
436 endtsuglyph;
437
```



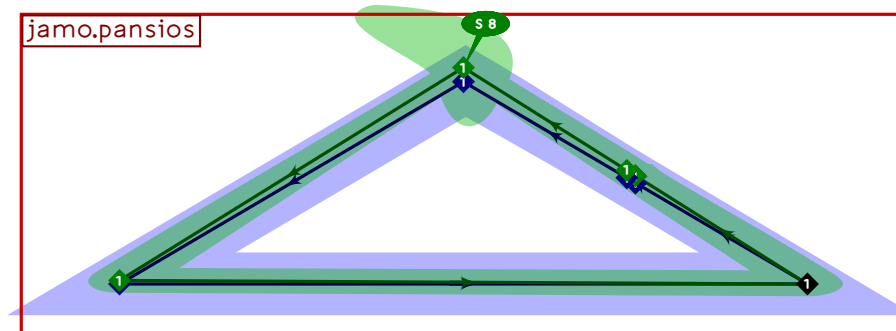
FF4

```

438 % hangul lead ceongchieumssangsios
439 begintsuglyph("uni113F.lj2",63);
440 hangul.combine.lr(224,225)(whatever,lixf,loxf);
441 tsu_render;
442 endtsuglyph;
443

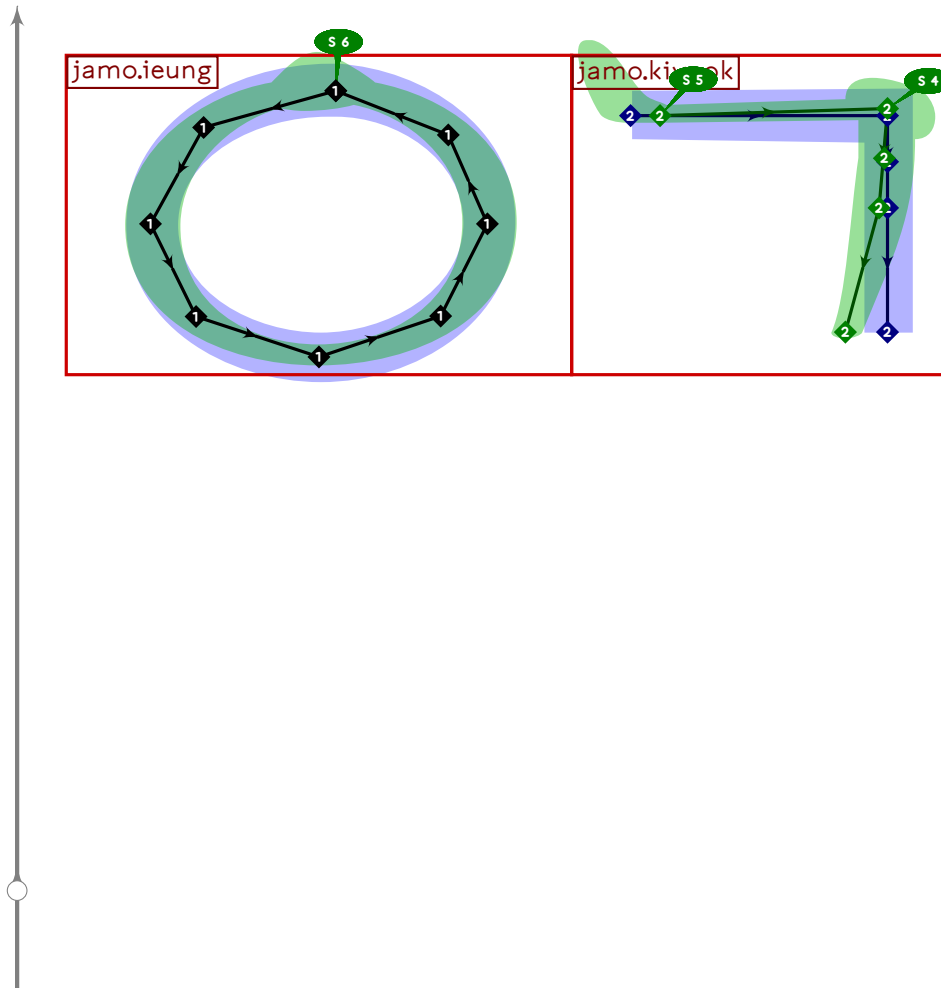
```

U+FF440  
jieub.uni1140.lj2



FF4

```
444 % hangul lead pansios
445 begintsuglyph("uni1140.lj2",64);
446   hangul.jamo.pansios(whatever,lixf,loxf);
447   tsu_render;
448 endtsuglyph;
449
```



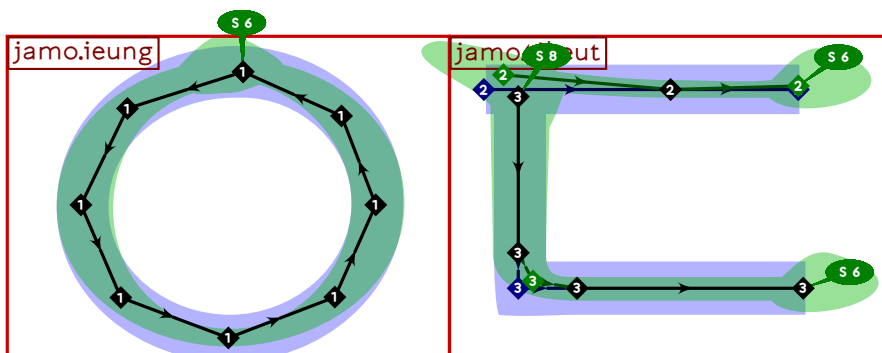
FF4

```

450 % hangul lead ieung-kiyeok
451 beginsuglyph("uni1141.lj2",65);
452   hangul.combine.lr(111,100)(whatever,lixf,loxf);
453   tsu_render;
454 endsuglyph;
455

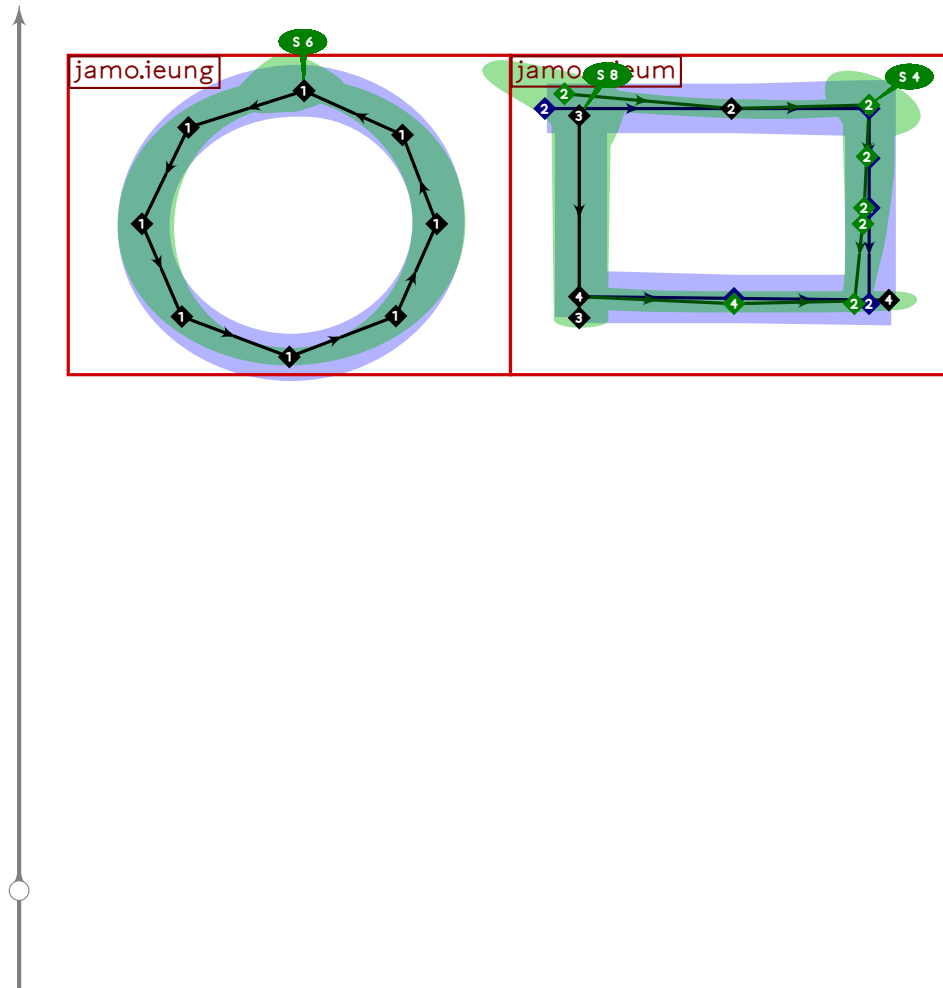
```

U+FF442  
jieub.uni1142.lj2



FF4

```
456 % hangul lead ieung-tikeut
457 beginsuglyph("uni1142.lj2",66);
458   hangul.combine.lr(111,103)(whatever,lixf,loxf);
459   tsu_render;
460 endsuglyph;
461
```



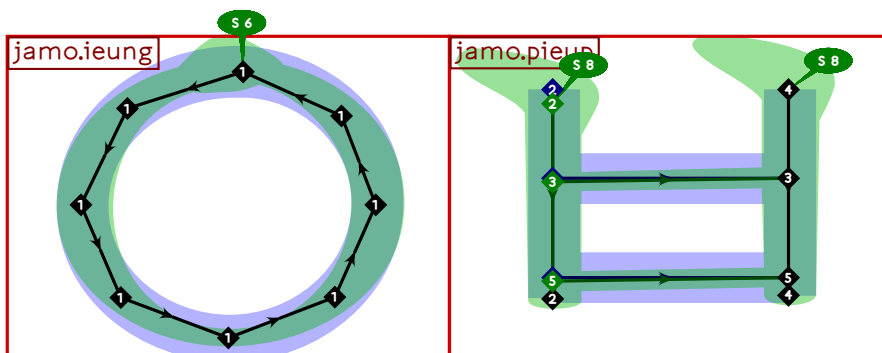
FF4

```

462 % hangul lead ieung-mieum
463 beginsuglyph("uni1143.lj2",67);
464   hangul.combine.lr(111,106)(whatever,lixf,loxf);
465   tsu_render;
466 endsuglyph;
467

```

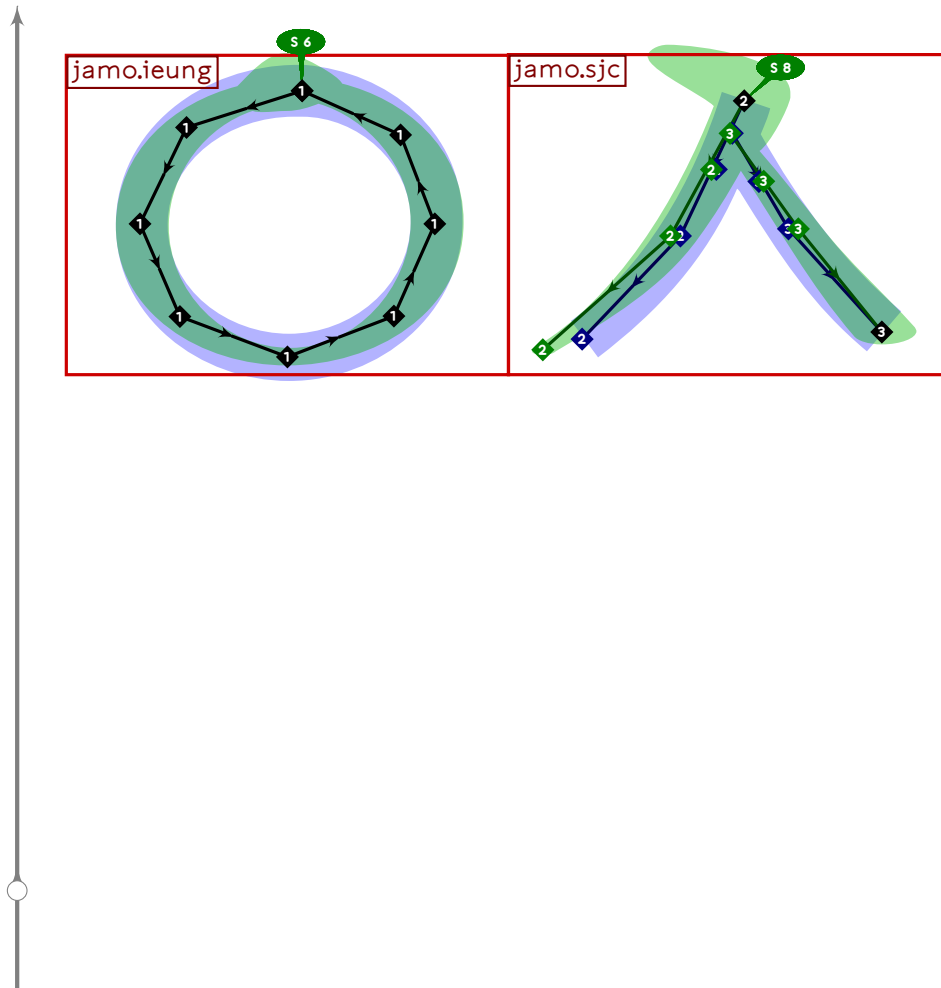
U+FF444  
jieub.uni1144.lj2



FF4

```
468 % hangul lead ieung-pieup
469 beginsuglyph("uni1144.lj2",68);
470 hangul.combine.lr(111,107)(whatever,lixf,loxf);
471 tsu_render;
472 endsuglyph;
473
```





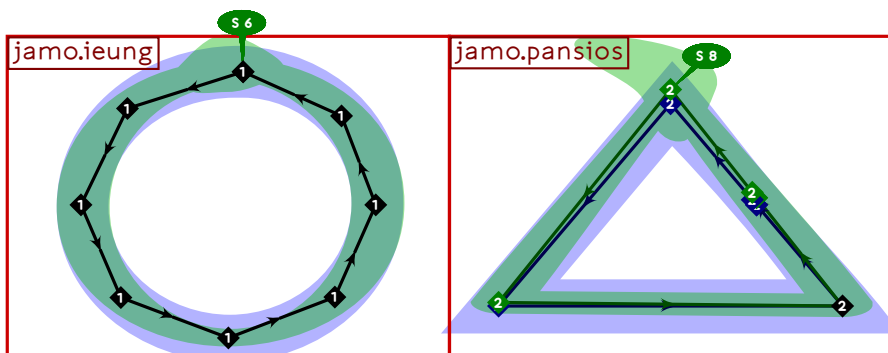
FF4

```

474 % hangul lead ieung-sios
475 beginsuglyph("uni1145.lj2",69);
476   hangul.combine.lr(111,109)(whatever,lixf,loxf);
477   tsu_render;
478 endsuglyph;
479

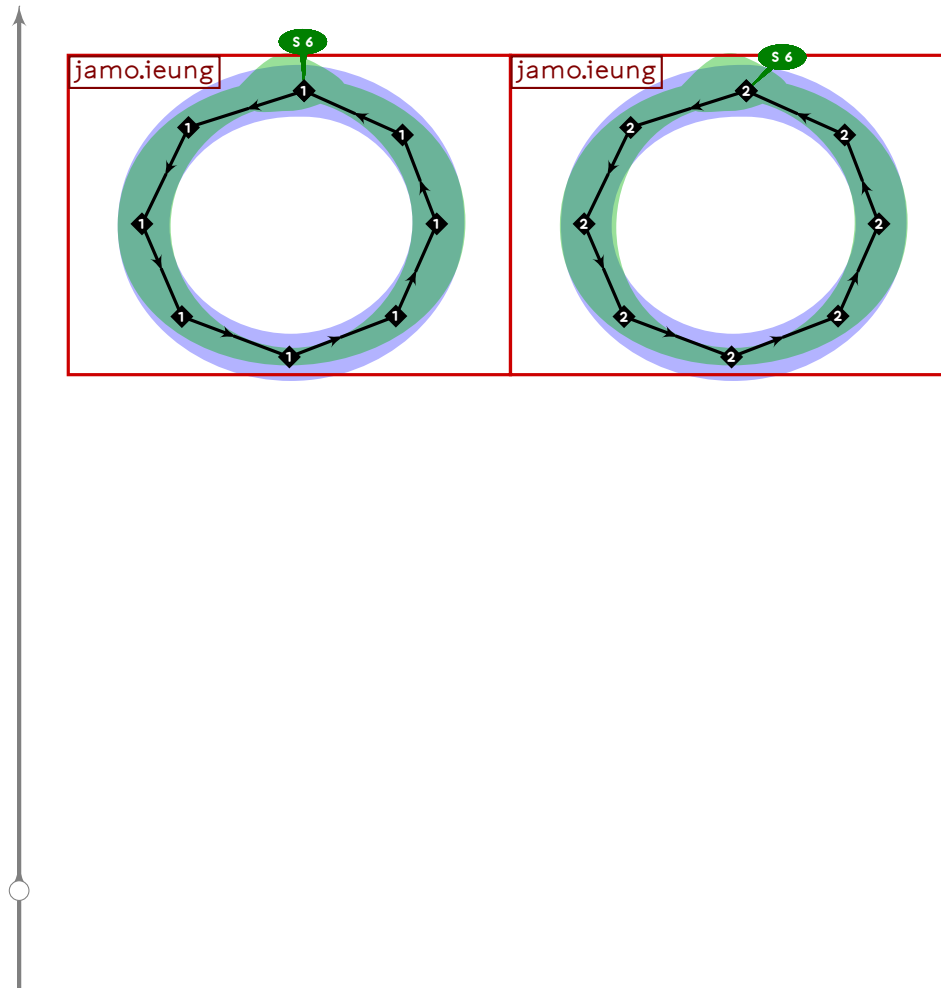
```

U+FF446  
jieub.uni1146.lj2



FF4

```
480 % hangul lead ieung-pansios
481 beginsuglyph("uni1146.lj2";70);
482   hangul.combine.lr(111,219)(whatever,lixf,loxf);
483   tsu_render;
484 endsuglyph;
485
```



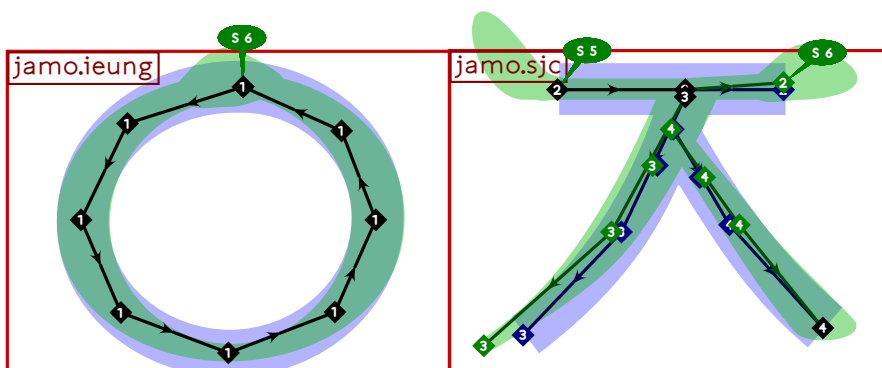
FF4

```

486 % hangul lead ssangieung
487 beginsuglyph("uni1147.lj2";71);
488   hangul.combine.lr(111,111)(whatever,lixf,loxf);
489   tsu_render;
490 endsuglyph;
491

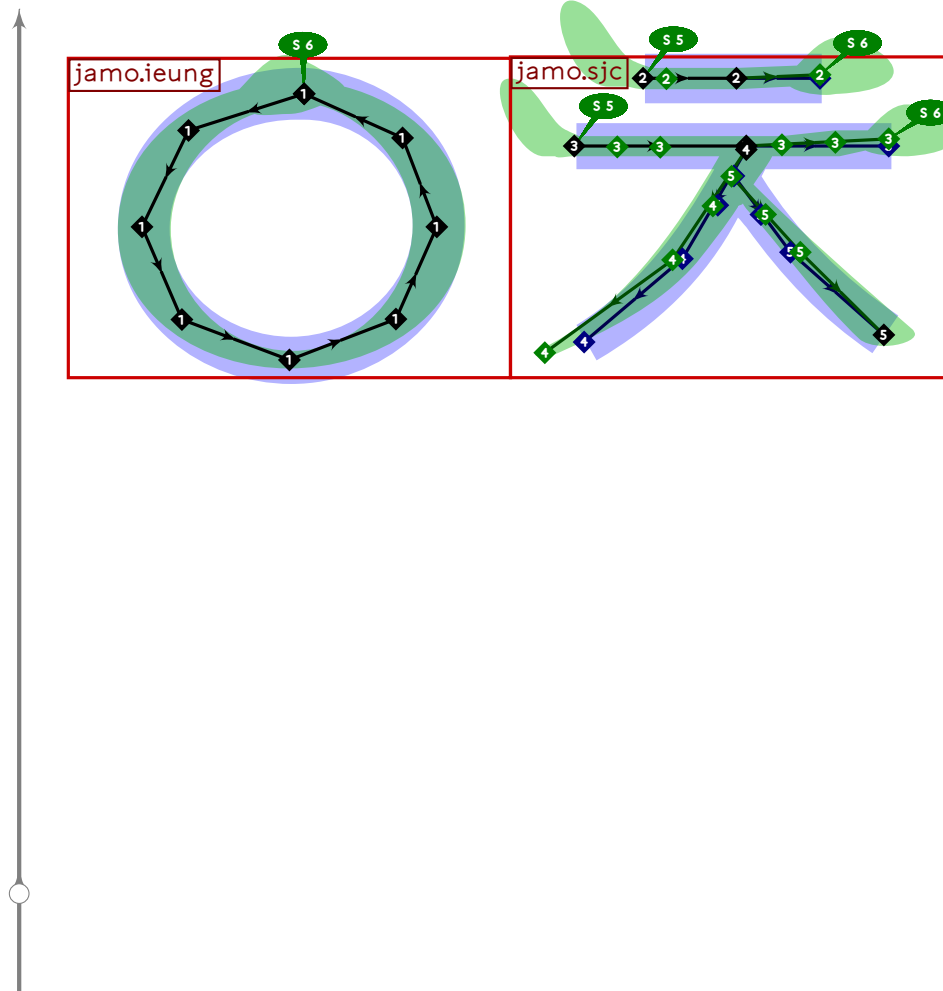
```

U+FF448  
jieub.uni1148.lj2



FF4

```
492 % hangul lead ieung-cieuc
493 beginsuglyph("uni1148.lj2";72);
494 hangul.combine.lr(111,112)(whatever,lixf,loxf);
495 tsu_render;
496 endsuglyph;
497
```



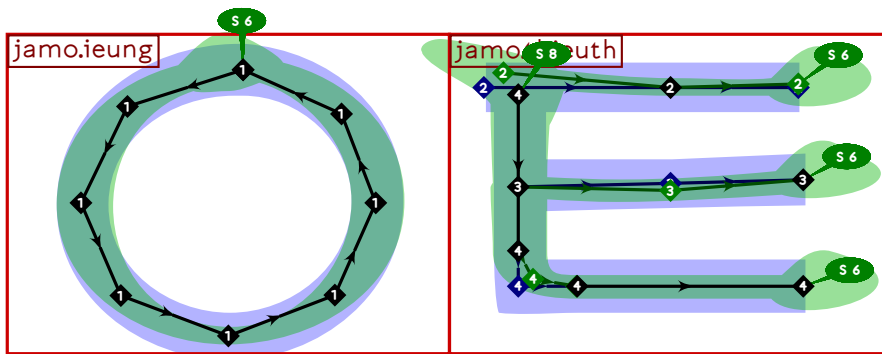
FF4

```

498 % hangul lead ieung-chieuch
499 beginsuglyph("uni1149.lj2",73);
500 hangul.combine.lr(111,114)(whatever,lixf,loxf);
501 tsu_render;
502 endsuglyph;
503

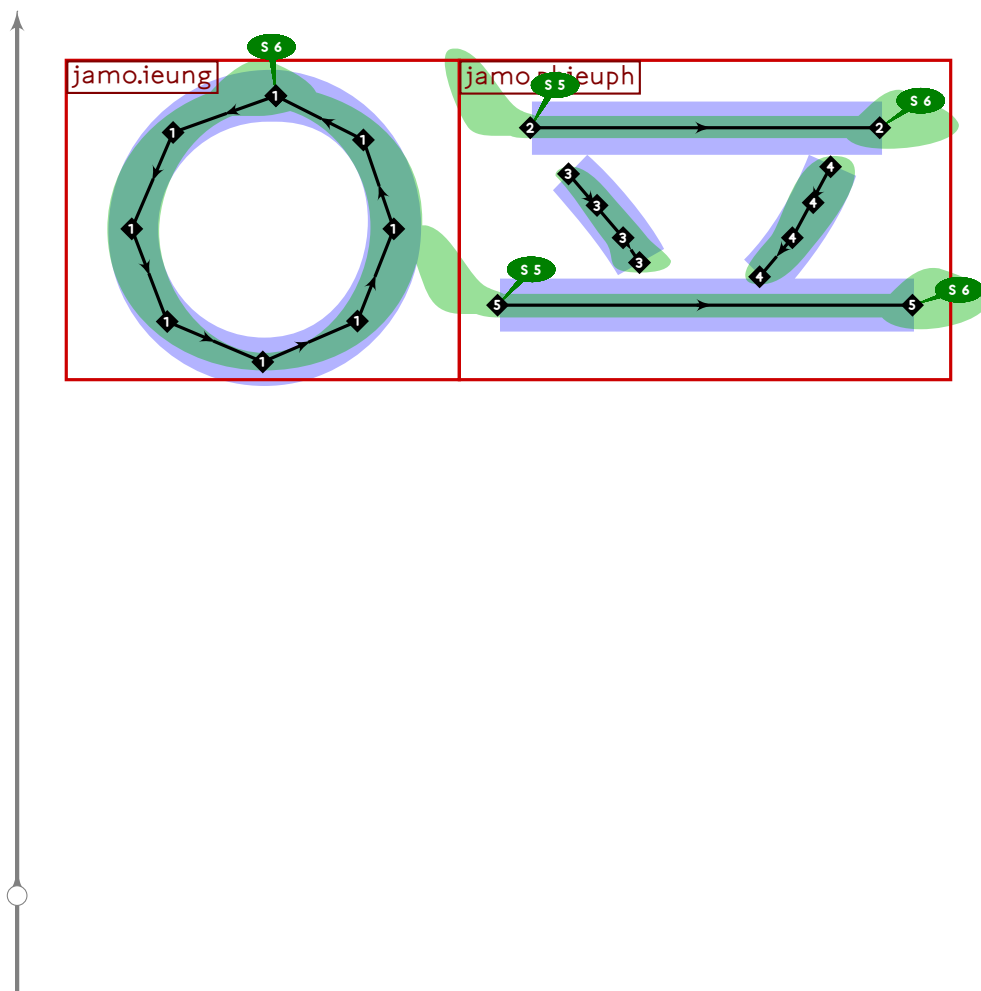
```

U+FF44A  
jieub.uni114A.lj2



FF4

```
504 % hangul lead ieung-theiuth
505 beginsuglyph("uni114A.lj2",74);
506   hangul.combine.lr(111,116)(whatever,lixf,loxf);
507   tsu_render;
508 endsuglyph;
509
```



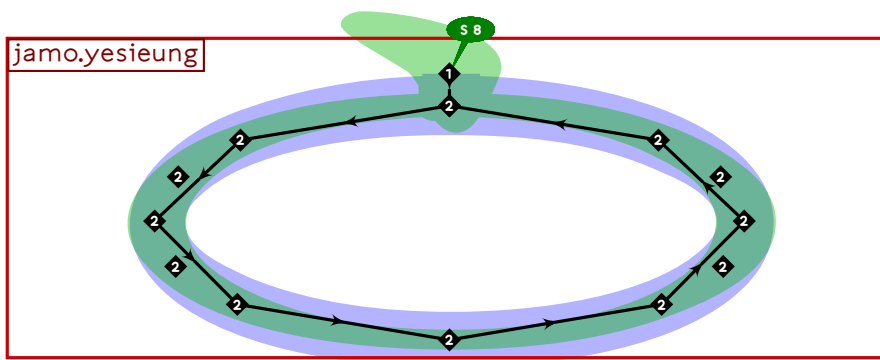
FF4

```

510 % hangul lead ieung-phieuph
511 begintsuglyph("uni114B.lj2";75);
512   hangul.combine.lr(111,117)(whatever,lixf,loxf);
513   tsu_render;
514 endtsuglyph;
515

```

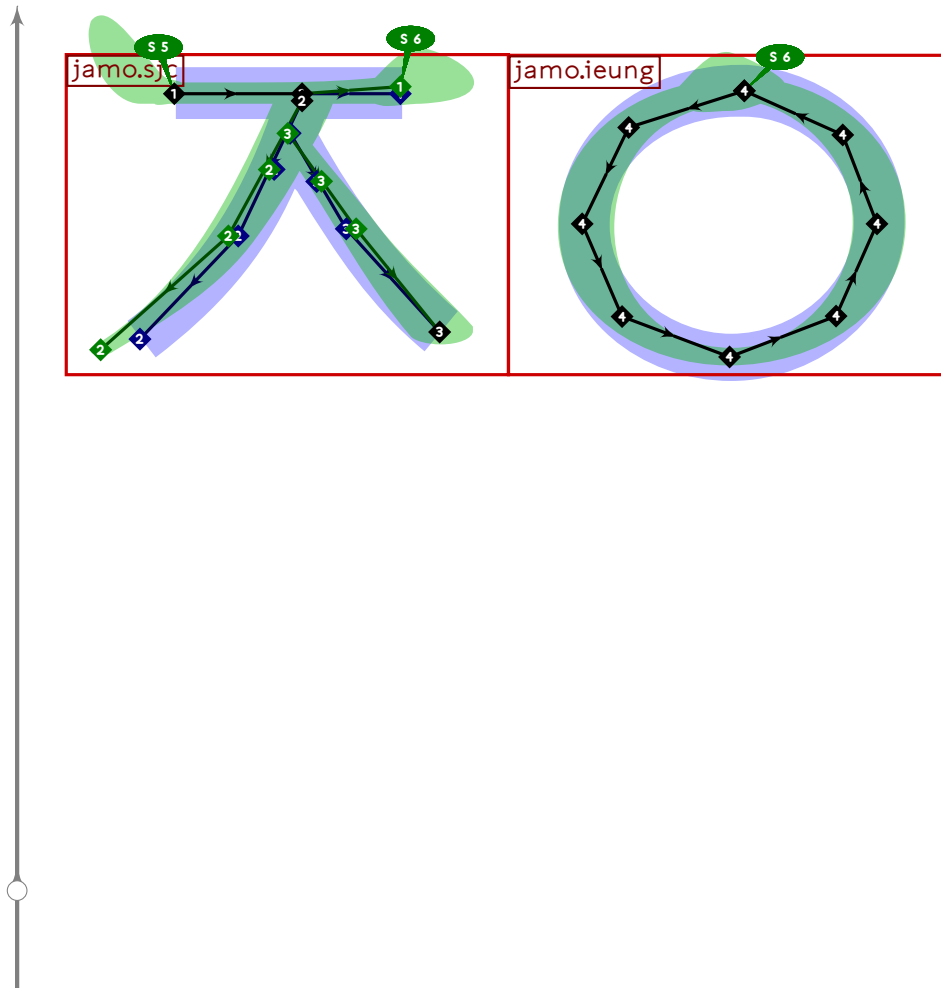
U+FF44C  
jieub.uni114C.lj2



FF4

```
516 % hangul lead yesieung
517 beginsuglyph("uni114C.lj2";76);
518   hangul.jamo.yesieung(whatever,lixf,loxf);
519   tsu_render;
520 endsuglyph;
521
```





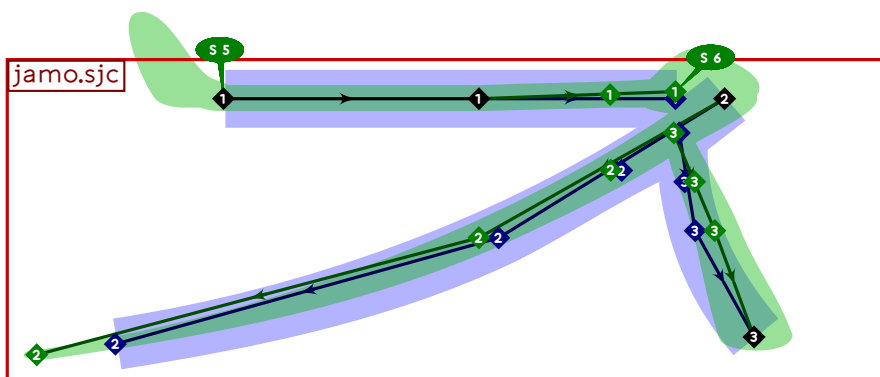
FF4

```

522 % hangul lead cieuc-ieung
523 beginsuglyph("uni114D.lj2";77);
524   hangul.combine.lr(112,111)(whatever,lixf,loxf);
525   tsu_render;
526 endsuglyph;
527

```

U+FF44E  
jieub.uni114E.lj2



FF4

```
528 % hangul lead chitueumcieuc
529 begintsuglyph("uni114E.lj2";78);
530 hangul.jamo.sjc(1,1,false)(whatever,lixf,loxf);
531 tsu_render;
532 endsuglyph;
533
```



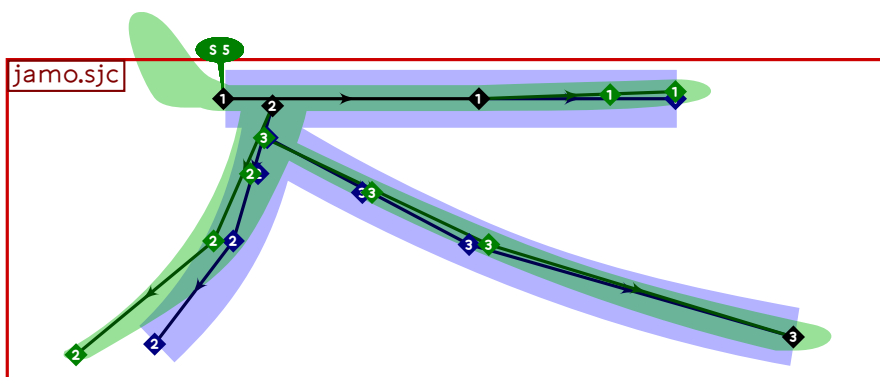
```

534 % hangul lead chitueumssangcieuc
535 begint Suglyph("uni114Flj2;79);
536   hangul.combine.lr(227,226)(whatever,lxf,loxf);
537   tsu_render;
538 endts Suglyph;
539

```

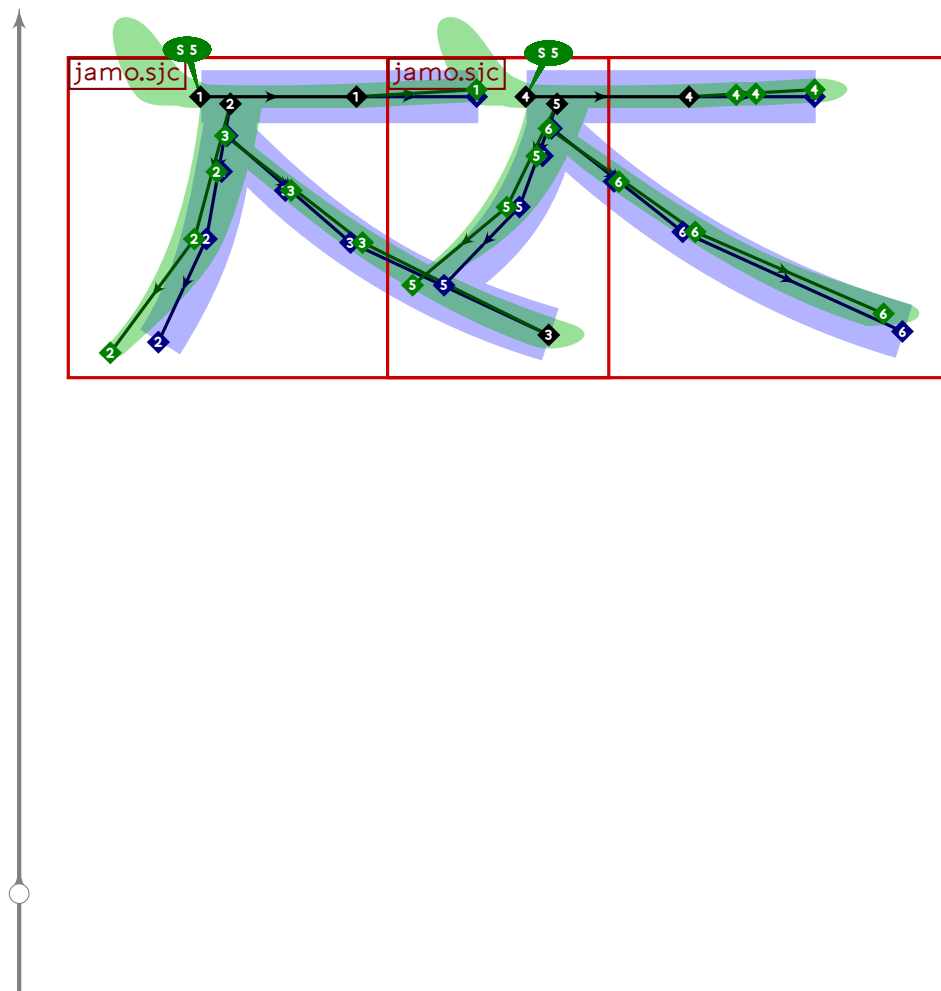
FF4

U+FF450  
jieub.uni1150.lj2



FF4

```
540 % hangul lead ceongchieumcieuc
541 begintsuglyph("uni1150.lj2";80);
542   hangul.jamo.sjc(1,-1,false)(whatever,lixf,loxf);
543   tsu_render;
544 endtsuglyph;
545
```



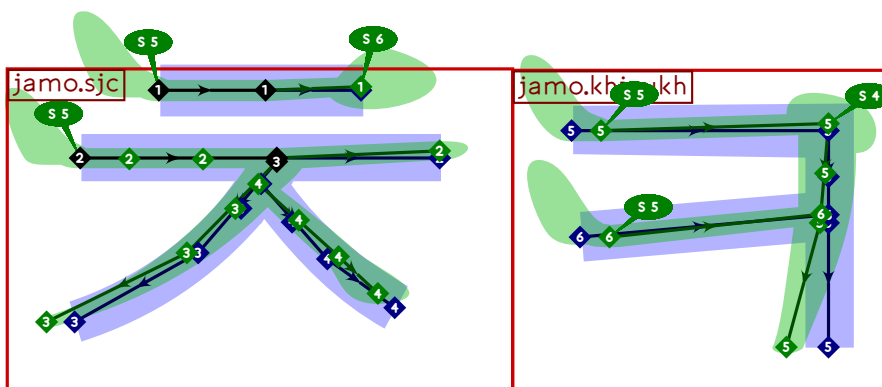
FF4

```

546 % hangul lead ceongchieumssangcieuc
547 begintsuglyph("uni1151.lj2";81);
548   hangul.combine.lr(228,229)(whatever,lixf,loxf);
549   tsu_render;
550 endsuglyph;
551

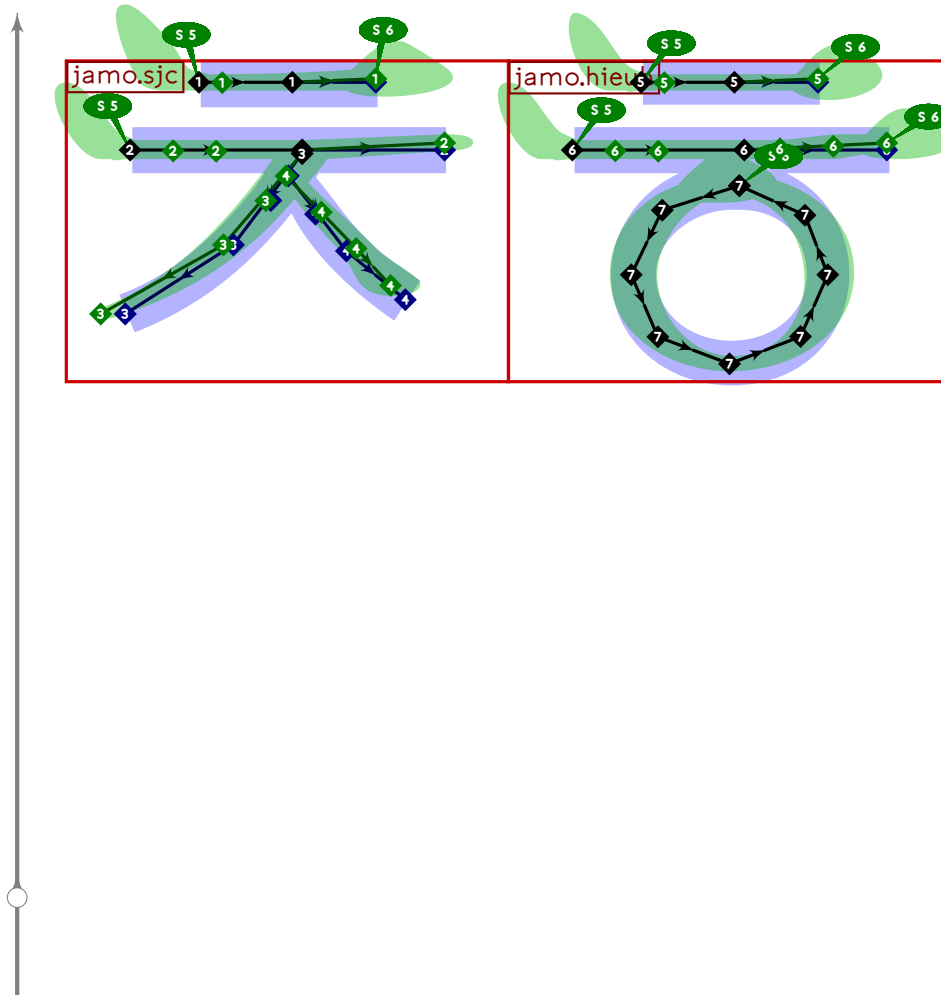
```

U+FF452  
jieub.uni1152.lj2



FF4

```
552 % hangul lead chieuch-khieukh
553 begintsuglyph("uni1152.lj2",82);
554   hangul.combine.lcr(214,230,115)(whatever,lixf,loxf);
555   tsu_render;
556 endtsuglyph;
557
```



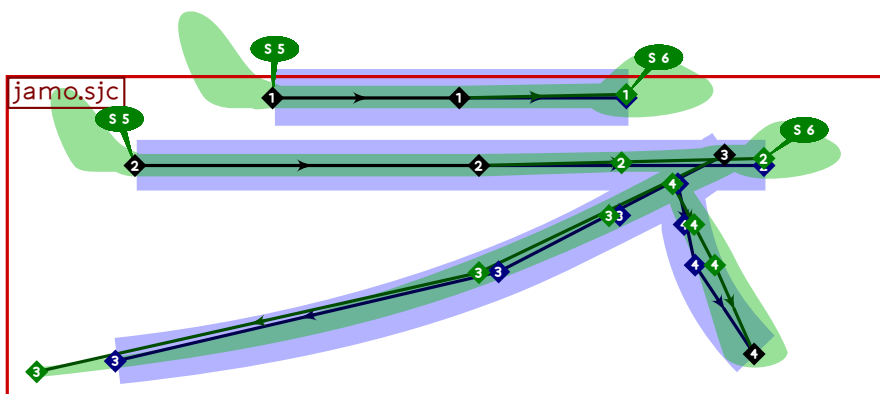
FF4

```

558 % hangul lead chieuch-hieuh
559 begintuglyph("uni1153.lj2",83);
560 hangul.combine.lcr(214,230,118)(whatever,lixf,loxf);
561 tsu_render;
562 endtuglyph;
563

```

U+FF454  
jieub.uni1154.lj2



FF4

```
564 % hangul lead chitueumcieuc
565 begintsuglyph("uni1154.lj2";84);
566 hangul.jamo.sjc(2,1,false)(whatever,lixf,loxf);
567 tsu_render;
568 endtsuglyph;
569
```





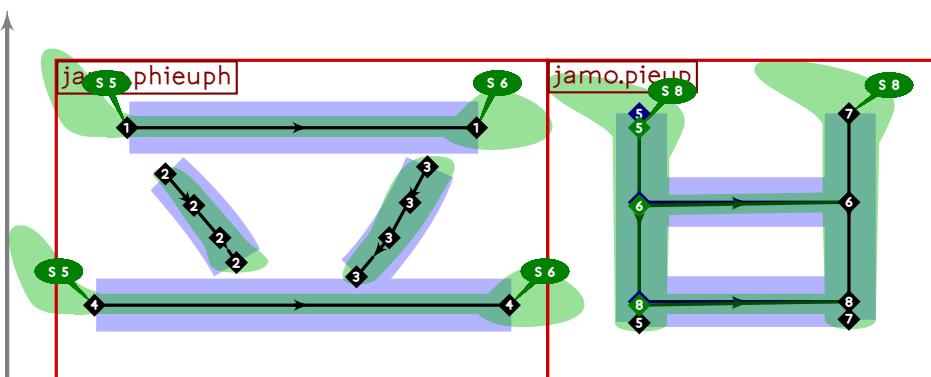
FF4

```

570 % hangul lead ceongchieumcieuc
571 begint Suglyph("uni1155.lj2";85);
572   hangul.jamo.sjc(2,-1,false)(whatever,lixf,loxf);
573   tsu_render;
574 endts Suglyph;
575

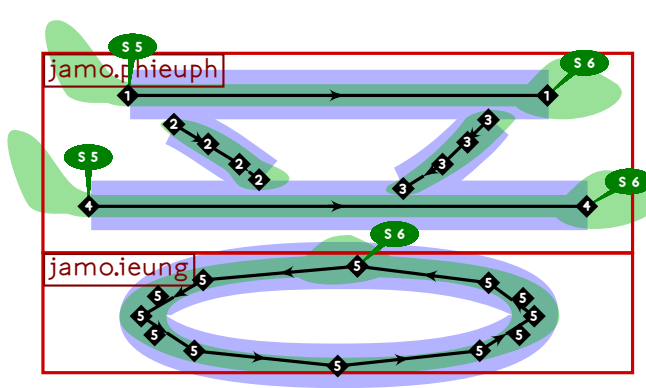
```

U+FF456  
jieub.uni1156.lj2



FF4

```
576 % hangul lead phieuph-pieup
577 begintsuglyph("uni1156.lj2";86);
578   hangul.combine.lr(117,107)(whatever,lixf,loxf);
579   tsu_render;
580 endsuglyph;
581
```



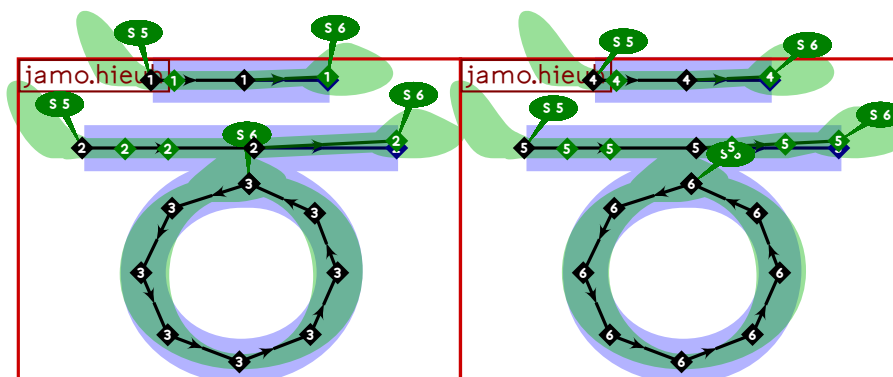
FF4

```

582 % hangul lead kapyeounphieuph
583 begintsuglyph("uni1157.lj2";87);
584 hangul.combine.tb(117,521)(whatever,
585   hxf((250,850),(850,-50)) transformed lixf,loxf);
586 tsu_render;
587 endtsuglyph;
588

```

U+FF458  
jieub.uni1158.lj2

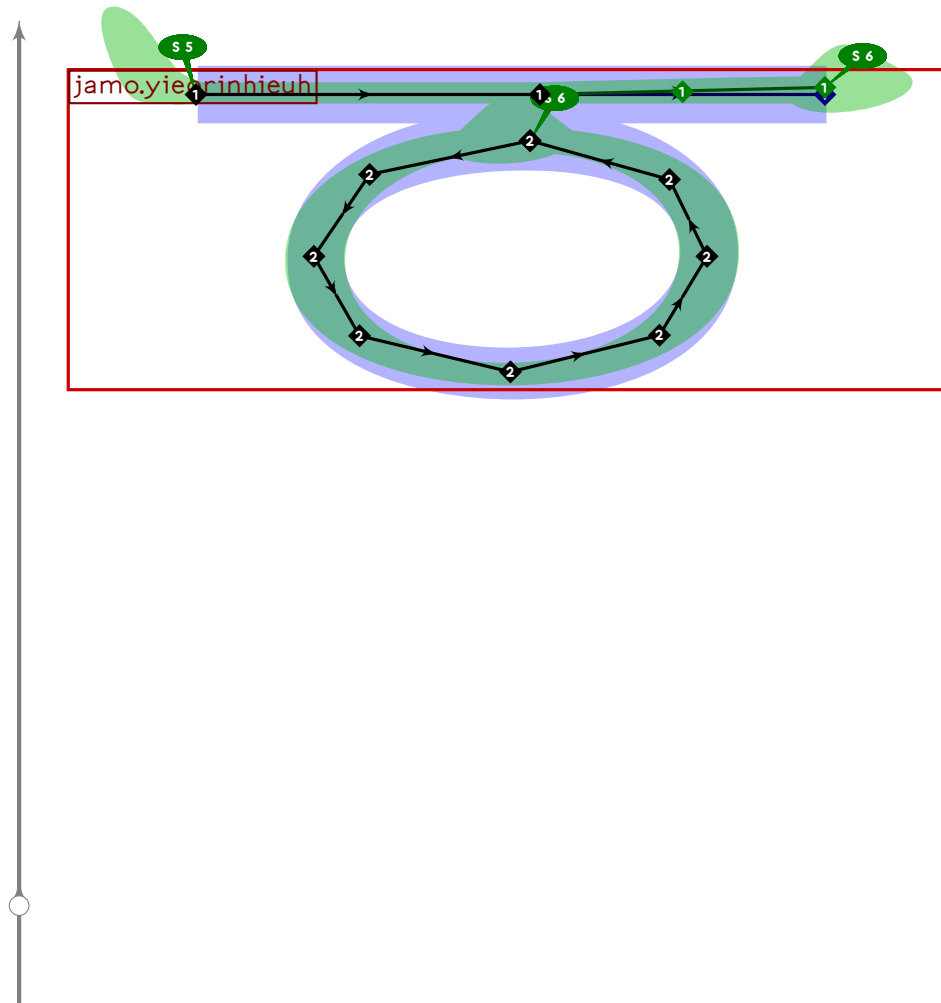


FF4

```

589 % hangul lead ssanghieuh
590 begint Suglyph("uni1158.lj2",88);
591   hangul.combine.lcr(118,230,118)(whatever,lixf,loxf);
592   tsu_render;
593 endtsuglyph;
594

```



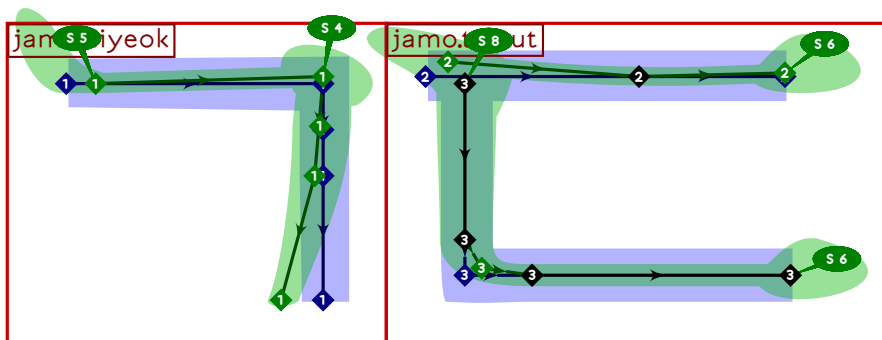
FF4

```

595 % hangul lead yeorinhieuh
596 begint Suglyph("uni1159.lj2";89);
597 hangul.jamo.yeorinhieuh(whatever,lixf,loxf);
598 tsu_render;
599 endtsuglyph;
600

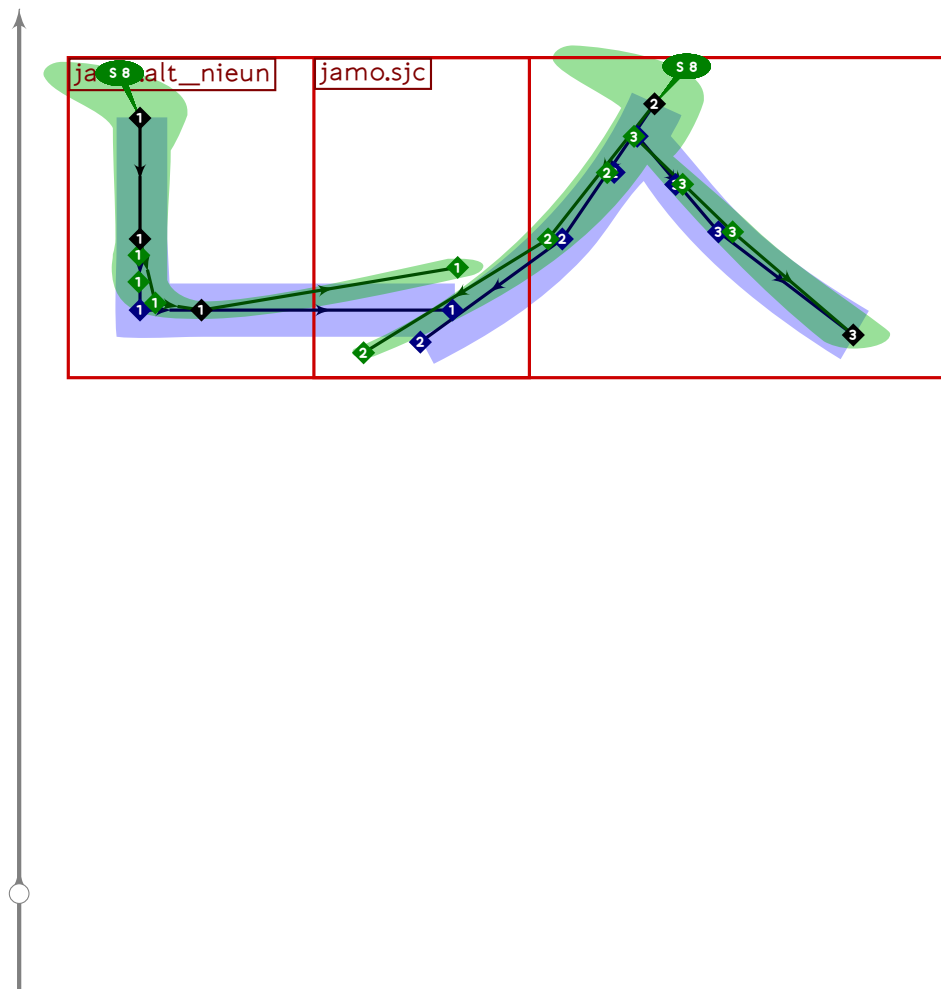
```

U+FF45A  
jieub.uni115A.lj2



FF4

```
601 % hangul lead kiyeok-tikeut
602 beginsuglyph("uni115A.lj2",90);
603   hangul.combine.lr(100,103)(whatever,lixf,loxf);
604   tsu_render;
605 endtsuglyph;
606
```



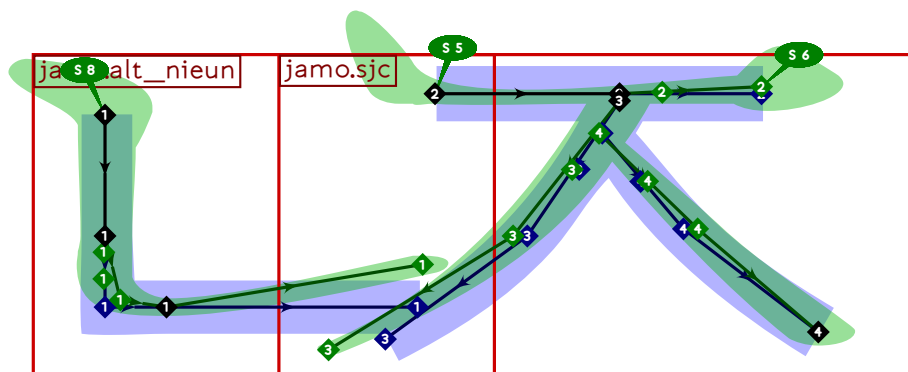
FF4

```

607 % hangul lead nieun-sios
608 begintsuglyph("uni115B.lj2";91);
609 hangul.combine.lr(202,109)(whatever,lxf,lxf);
610 tsu_render;
611 endtsuglyph;
612

```

U+FF45C  
jieub.uni115C.lj2



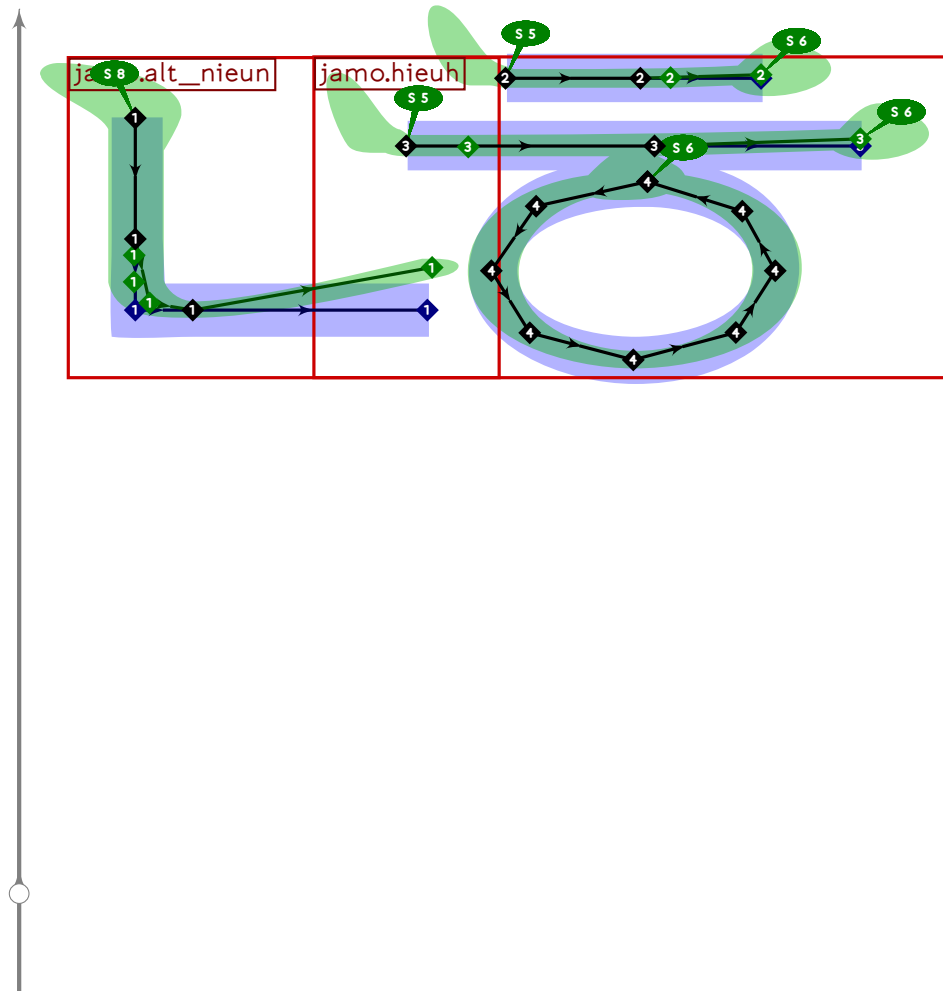
FF4

```

613 % hangul lead nieun-cieuc
614 begintsuglyph("uni115C.lj2";92);
615   hangul.combine.lr(202,112)(whatever,lixf,loxf);
616   tsu_render;
617 endtsuglyph;
618

```





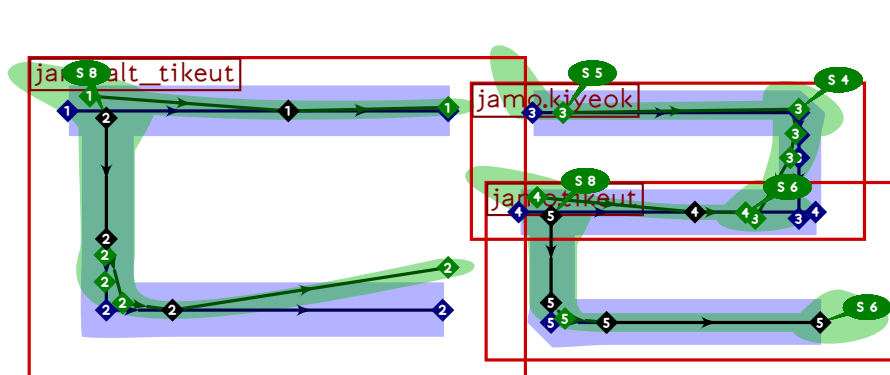
FF4

```

619 % hangul lead nieun-hieuh
620 beginsuglyph("uni115D.lj2",93);
621   hangul.combine.lr(202,118)(whatever,lixf,loxf);
622   tsu_render;
623 endsuglyph;
624

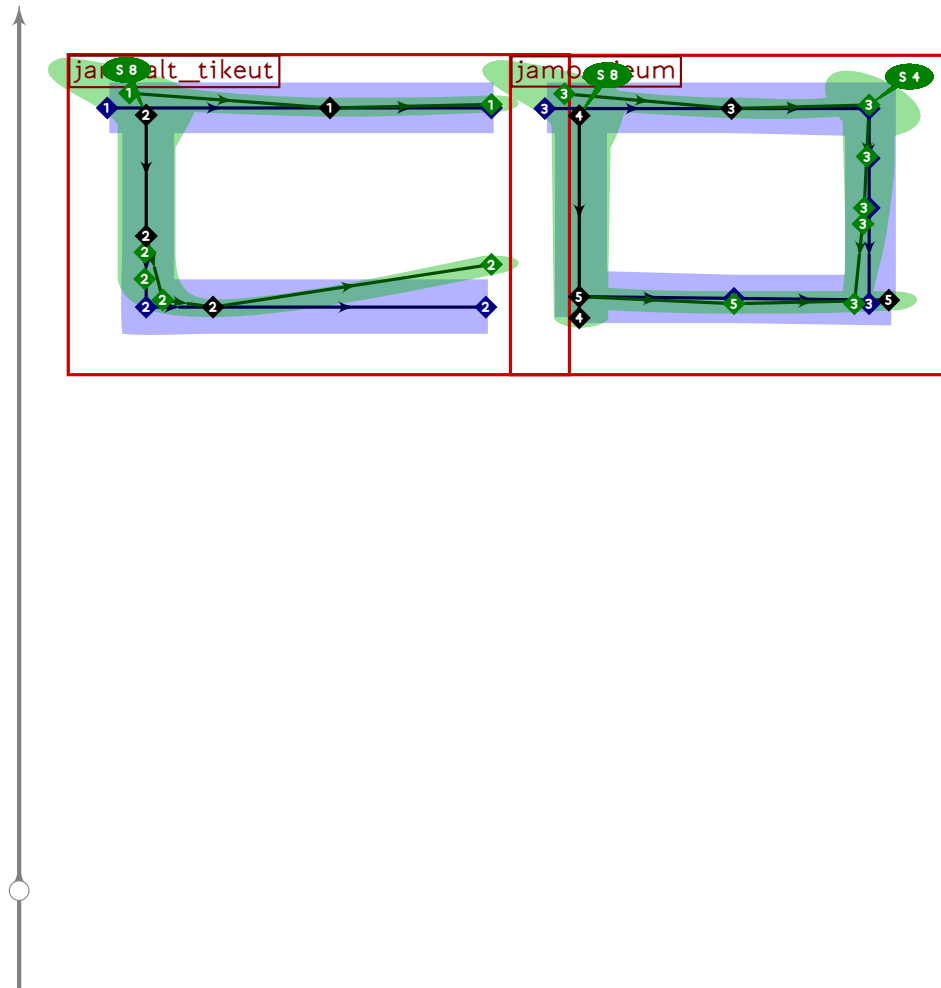
```

U+FF45E  
jieub.uni115E.lj2



FF4

```
625 % hangul lead tikeut-rieul
626 begintsuglyph("uni115E.lj2",94);
627   hangul.combine.lr(203,105)(whatever,lixf,loxf);
628   tsu_render;
629 endsuglyph;
630
```



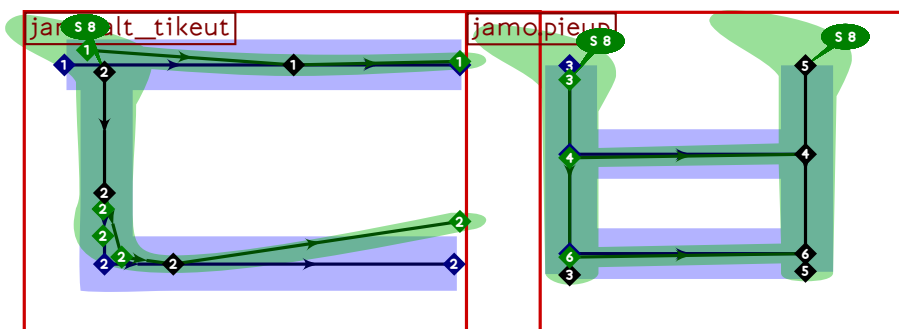
FF4

```

631 % hangul lead tikeut-mieum
632 beginsuglyph("uniA960.lj2";96);
633 hangul.combine.lr(203,106)(whatever,lixf,loxf);
634 tsu_render;
635 endsuglyph;
636

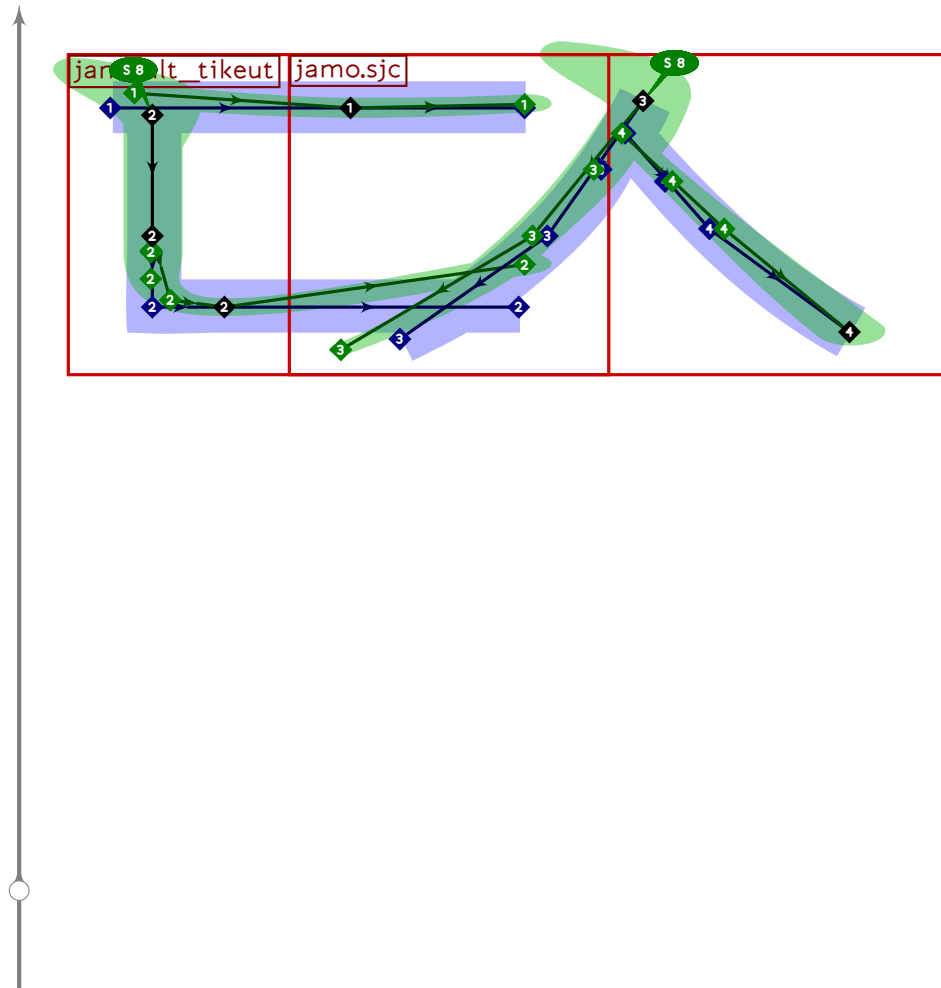
```

U+FF461  
jieub.uniA961.lj2



FF4

```
637 % hangul lead tikeut-pieup
638 begintsuglyph("uniA961.lj2";97);
639 hangul.combine.lr(203,107)(whatever,lixf,loxf);
640 tsu_render;
641 endsuglyph;
642
```



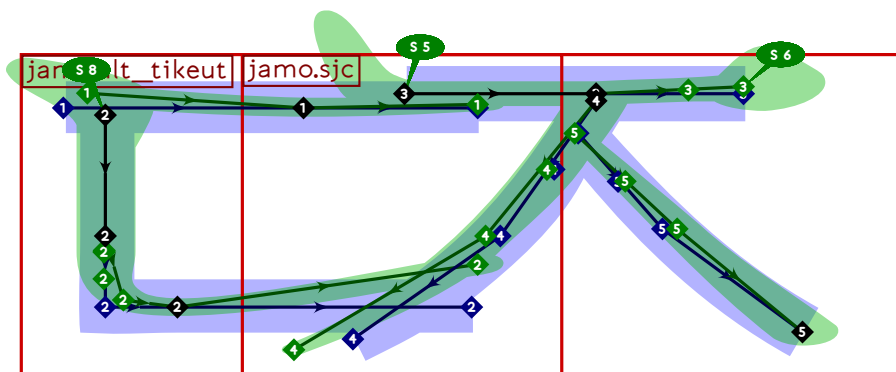
FF4

```

643 % hangul lead tikeut-sios
644 beginsuglyph("uniA962.lj2";98);
645   hangul.combine.lr(203,109)(whatever,lixf,loxf);
646   tsu_render;
647 endsuglyph;
648

```

U+FF463  
jjeub.uniA963.lj2

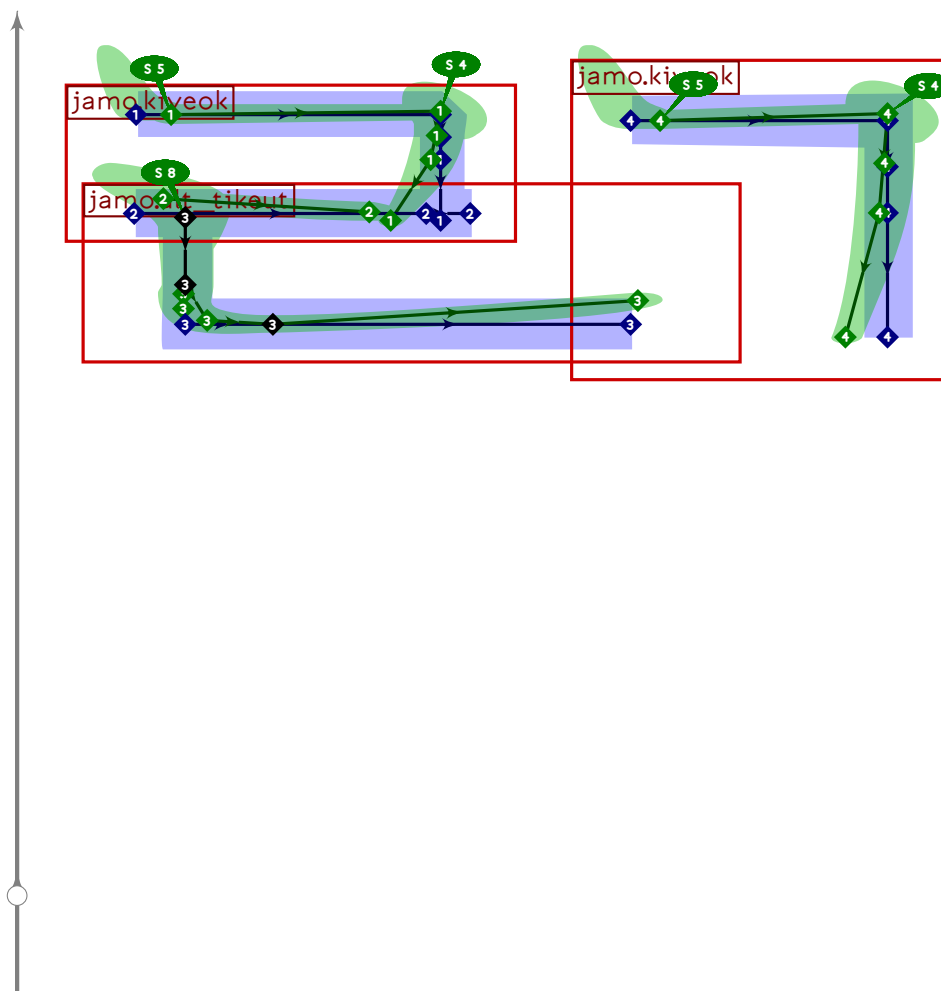


FF4

```

649 % hangul lead tikeut-cieuc
650 begintsuglyph("uniA963.lj2";99);
651   hangul.combine.lr(203,112)(whatever,lixf,loxf);
652   tsu_render;
653 endsuglyph;
654

```



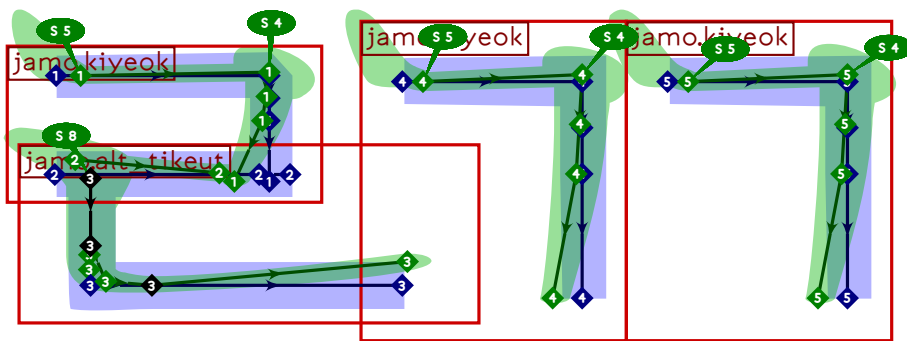
FF4

```

655 % hangul lead rieul-kiyeok
656 beginsuglyph("uniA964.lj2",100);
657 hangul.combine.lr(205,100)(whatever,lixf,loxf);
658 tsu_render;
659 endsuglyph;
660

```

U+FF465  
jieub.uniA965.lj2



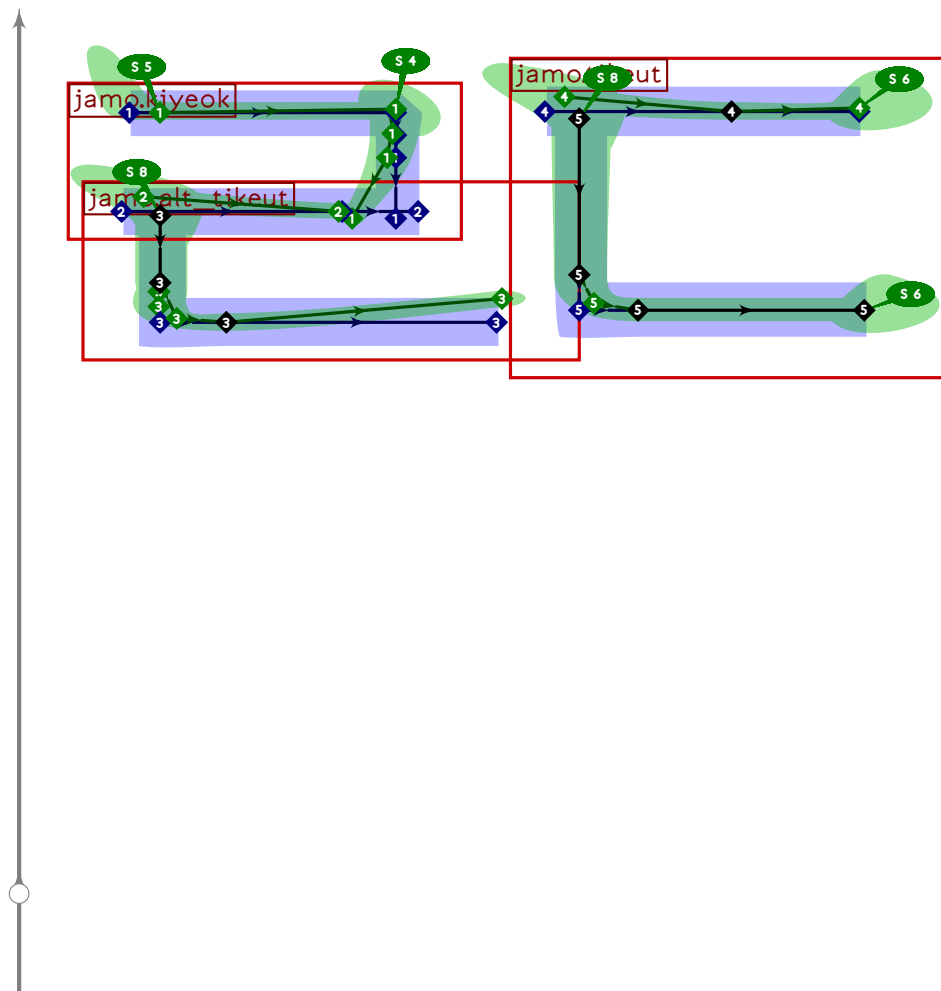
FF4

```

661 % hangul lead rieul-ssangkiyeok
662 beginsuglyph("uniA965.lj2",101);
663   hangul.combine.lcr(205,100,100)(whatever,lixf,loxf);
664   tsu_render;
665 endsuglyph;
666

```





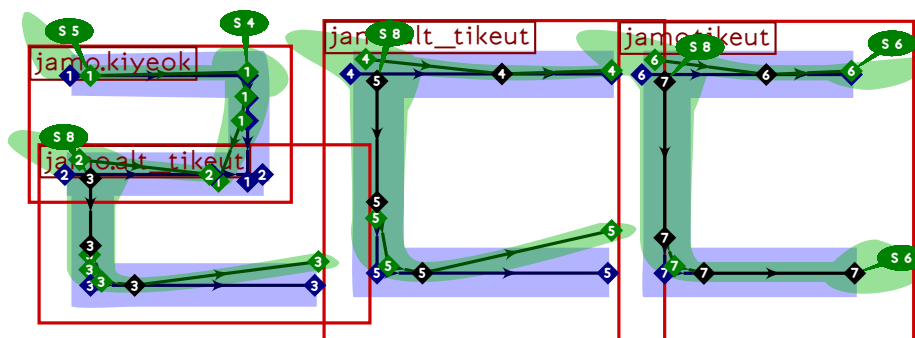
FF4

```

667 % hangul lead rieul-tikeut
668 begintsuglyph("uniA966.lj2",102);
669   hangul.combine.lr(205,103)(whatever,lxf,loxf);
670   tsu__render;
671 endtsuglyph;
672

```

U+FF467  
jieub.uniA967.lj2

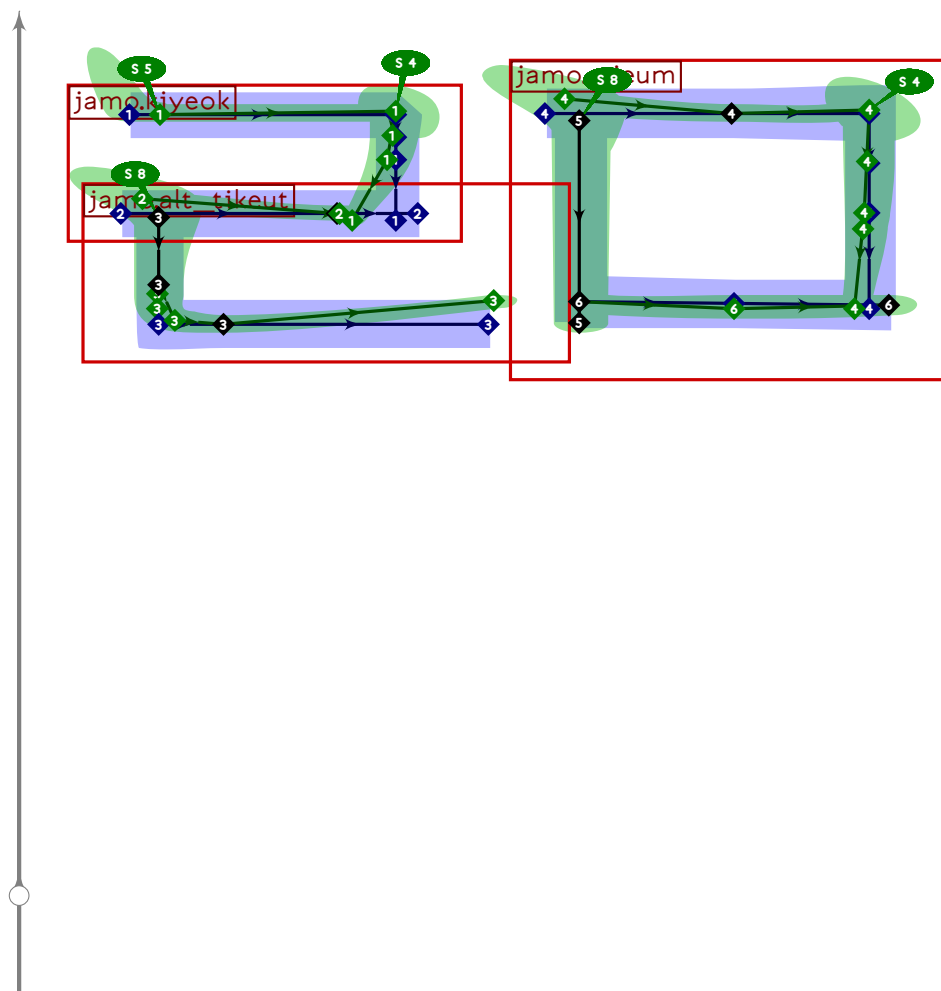


FF4

```

673 % hangul lead rieul-ssangtikeut
674 beginsuglyph("uniA967.lj2";103);
675   hangul.combine.lcr(205,203,103)(whatever,lixf,loxf);
676   tsu_render;
677 endsuglyph;
678

```



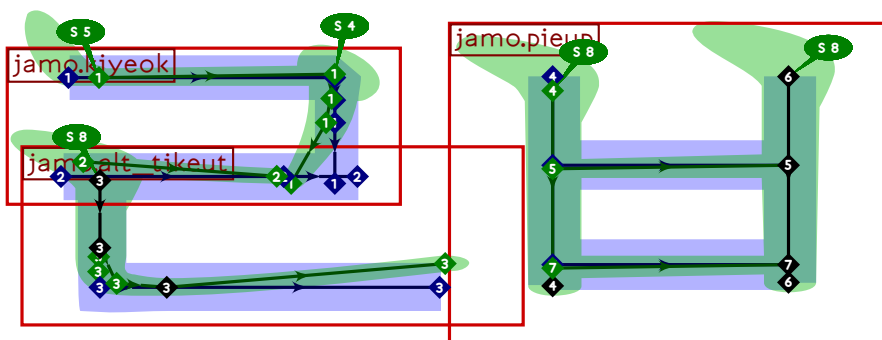
FF4

```

679 % hangul lead rieul-mieum
680 beginsuglyph("uniA968.lj2",104);
681   hangul.combine.lr(205,106)(whatever,lixf,loxf);
682   tsu_render;
683 endsuglyph;
684

```

U+FF469  
jieub.uniA969.lj2

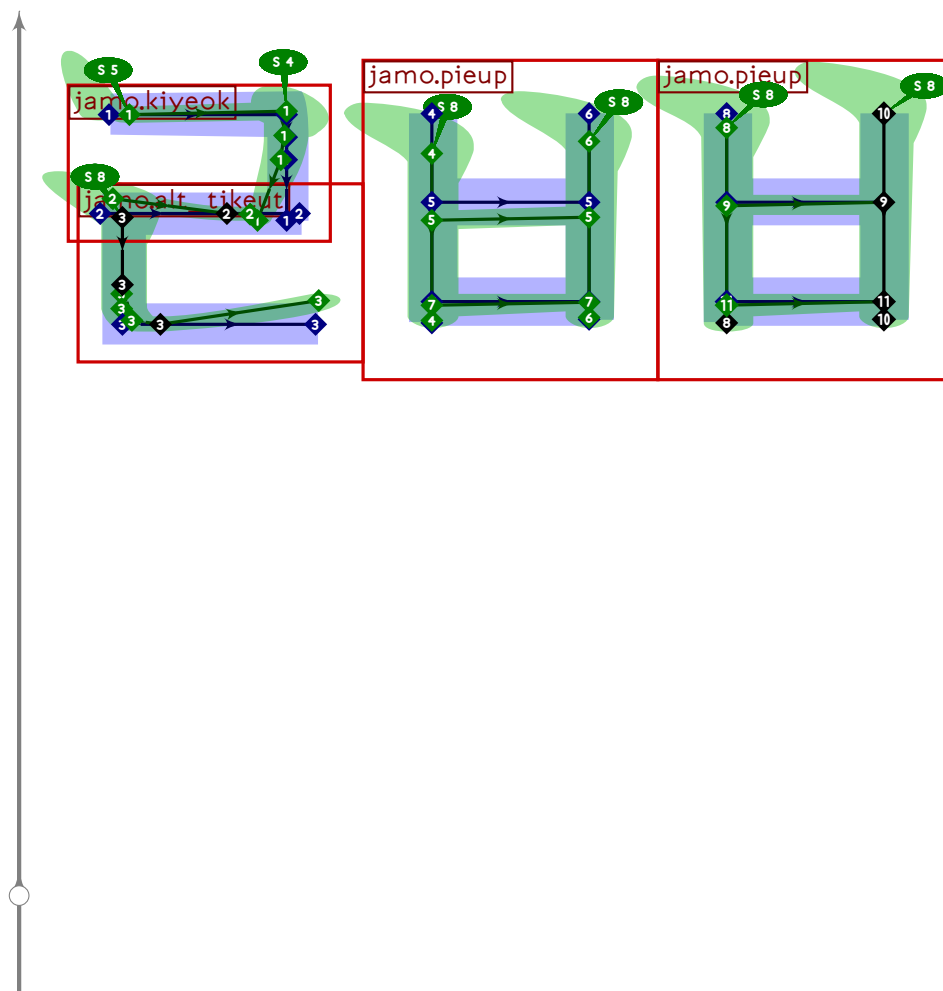


FF4

```

685 % hangul lead rieul-pieup
686 begint Suglyph("uniA969.lj2";105);
687   hangul.combine.lr(205,107)(whatever,lixf,loxf);
688   tsu_render;
689 endtsuglyph;
690

```



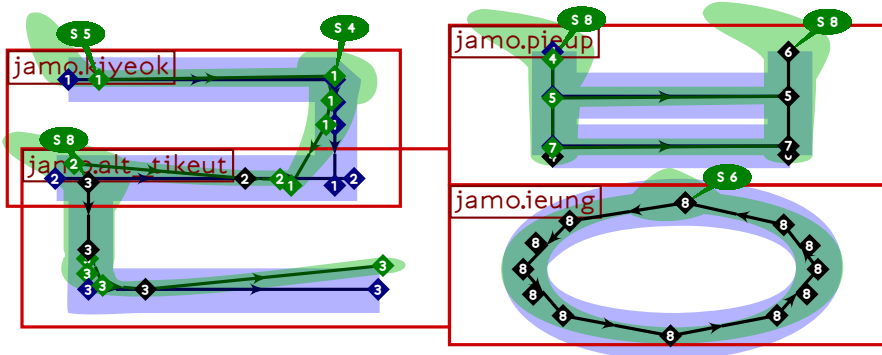
FF4

```

691 % hangul lead rieul-ssangpieup
692 beginsuglyph("uniA96A.lj2",106);
693   hangul.combine.lcr(205,207,107)(whatever,lxf,lxf);
694   tsu_render;
695 endsuglyph;
696

```

U+FF46B  
jieub.uniA96B.lj2

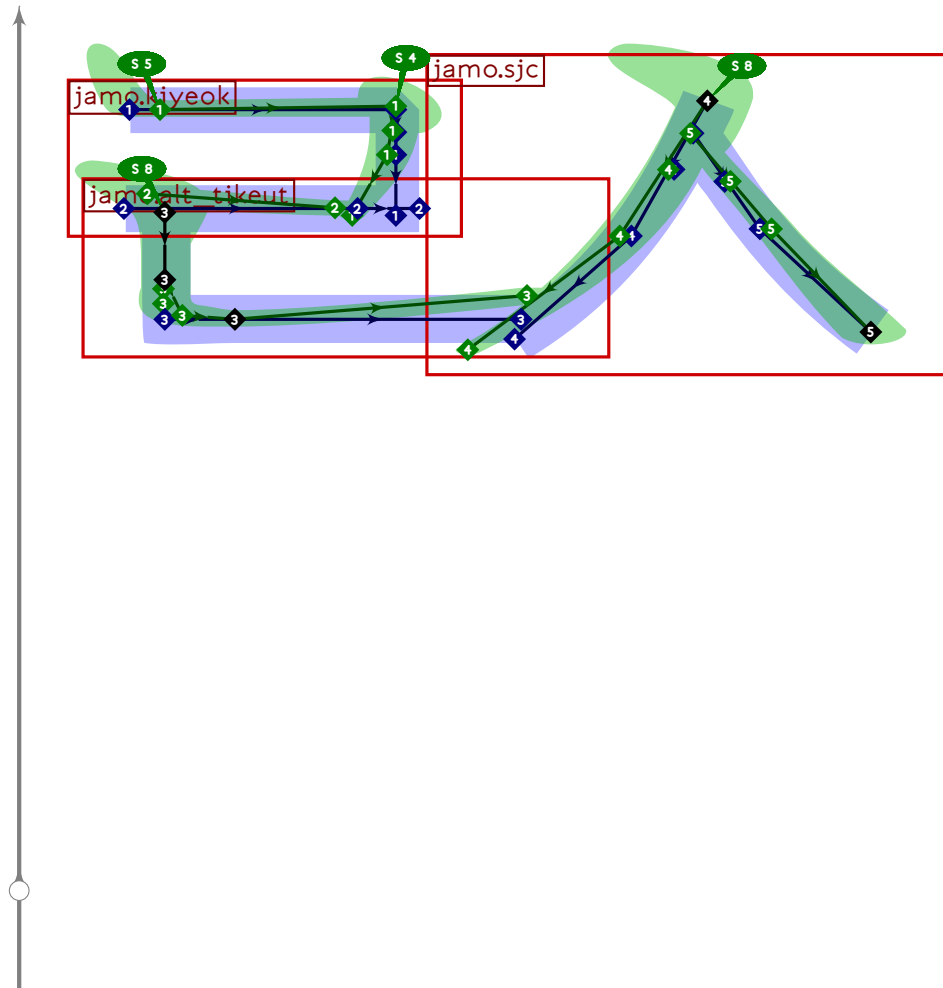


FF4

```

697 % hangul lead rieul-kapyeounpieup
698 begintsuglyph("uniA96B.lj2",107);
699 hangul.combine.lr(205,231)(whatever,lixf,loxf);
700 tsu_render;
701 endtsuglyph;
702

```



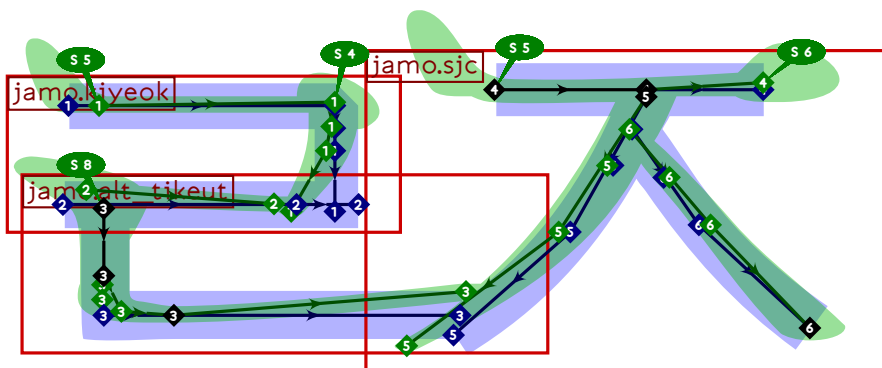
FF4

```

703 % hangul lead rieul-sios
704 begintsuglyph("uniA96C.lj2",108);
705   hangul.combine.lr(205,109)(whatever,lixf,loxf);
706   tsu_render;
707 endtsuglyph;
708

```

U+FF46D  
jieub.uniA96D.lj2



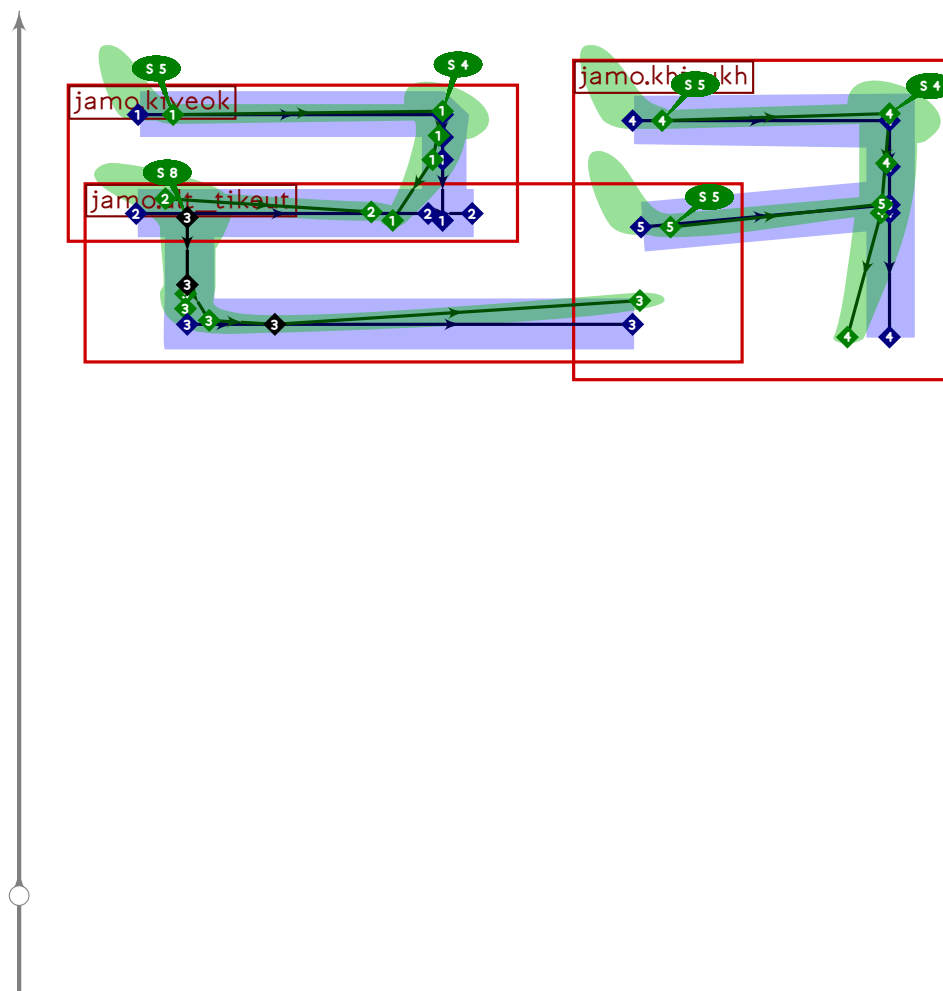
FF4

```

709 % hangul lead rieul-cieuc
710 beginsuglyph("uniA96D.lj2",109);
711   hangul.combine.lr(205,112)(whatever,lixf,loxf);
712   tsu_render;
713 endsuglyph;
714

```





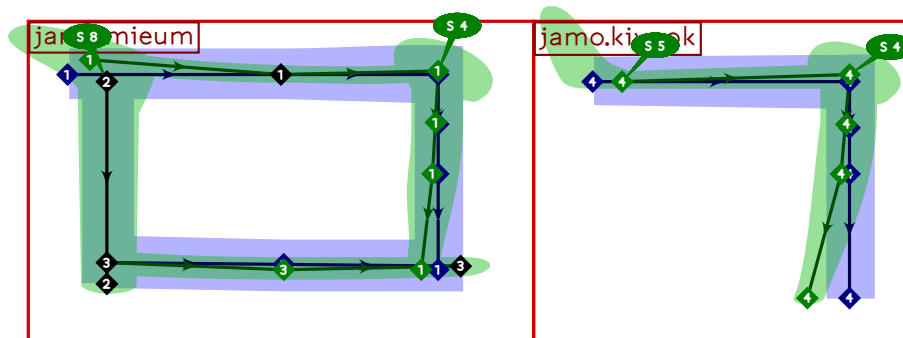
FF4

```

715 % hangul lead rieul-khieukh
716 begint Suglyph("uniA96E.lj2",110);
717   hangul.combine.lr(205,115)(whatever,lixf,loxf);
718   tsu_render;
719 endtsuglyph;
720

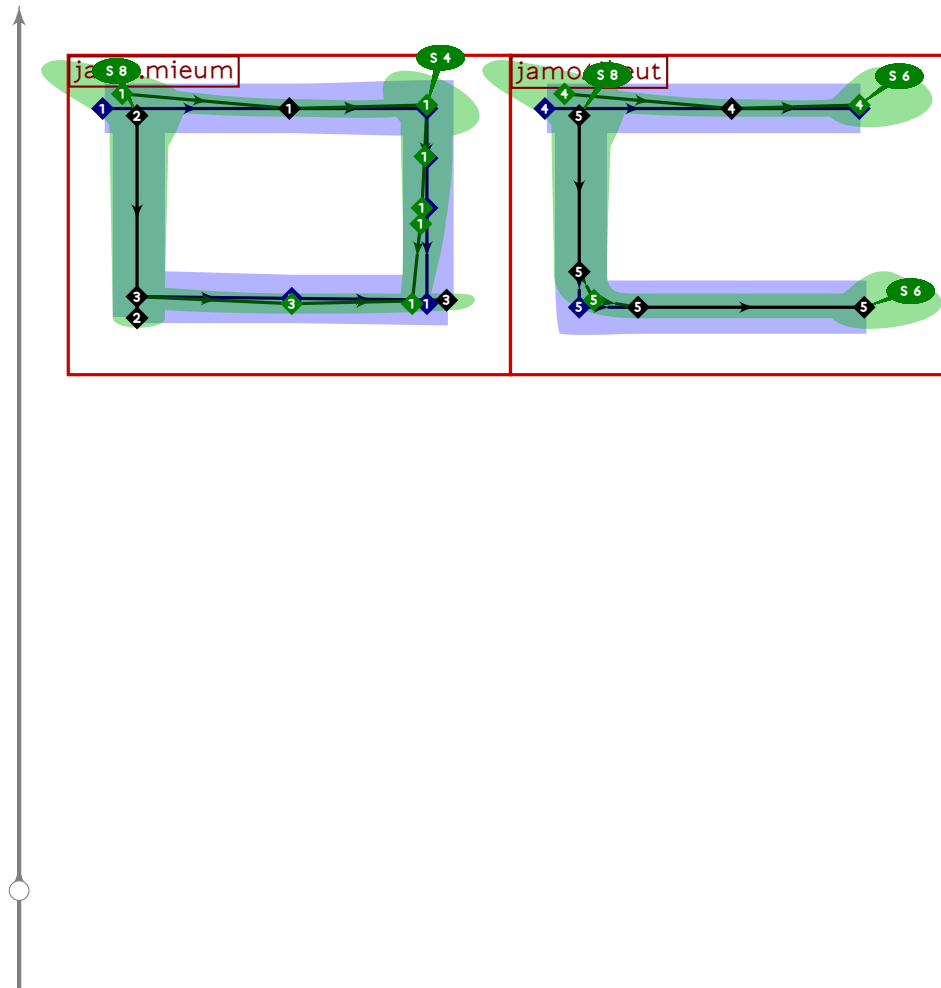
```

U+FF46F  
jieub.uniA96F.lj2



FF4

```
721 % hangul lead mieum-kiyeok
722 begintsuglyph("uniA96F.lj2";111);
723   hangul.combine.lr(106,100)(whatever,lixf,loxf);
724   tsu_render;
725 endtsuglyph;
726
```



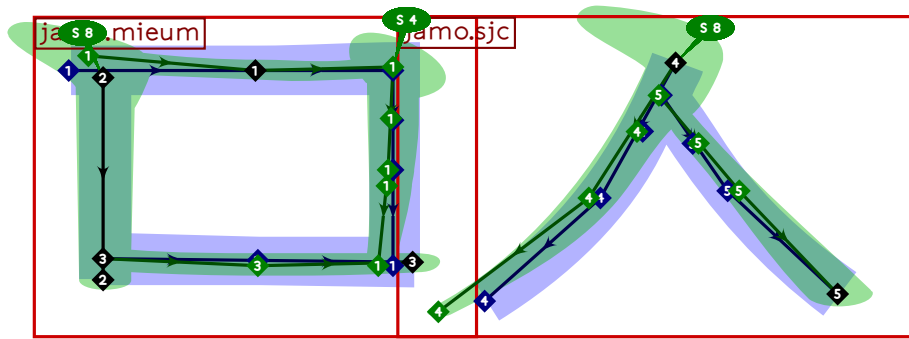
FF4

```

727 % hangul lead mieum-tikeut
728 begintsuglyph("uniA970.lj2",112);
729 hangul.combine.lr(106,103)(whatever,lixf,loxf);
730 tsu_render;
731 endtsuglyph;
732

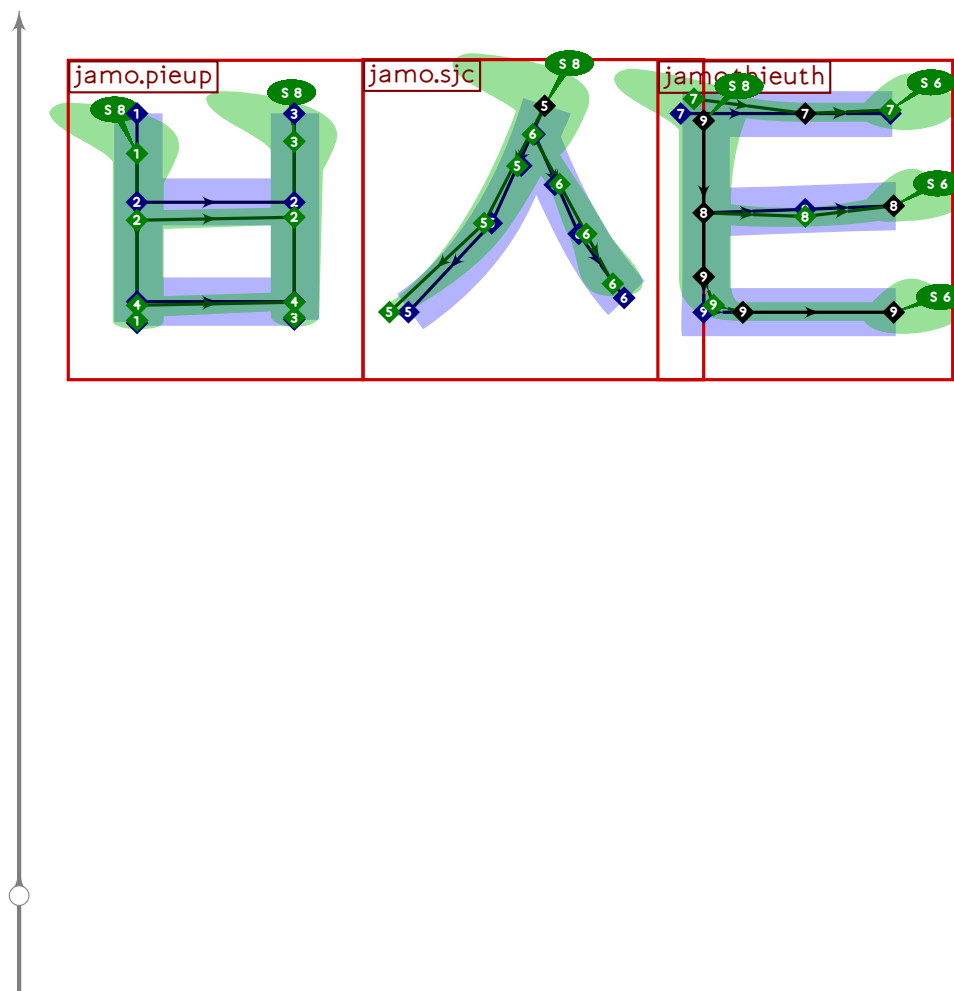
```

U+FF471  
jieub.uniA971.lj2



FF4

```
733 % hangul lead mieum-sios
734 beginsuglyph("uniA971.lj2";113);
735   hangul.combine.lr(106,109)(whatever,lixf,loxf);
736   tsu_render;
737 endsuglyph;
738
```



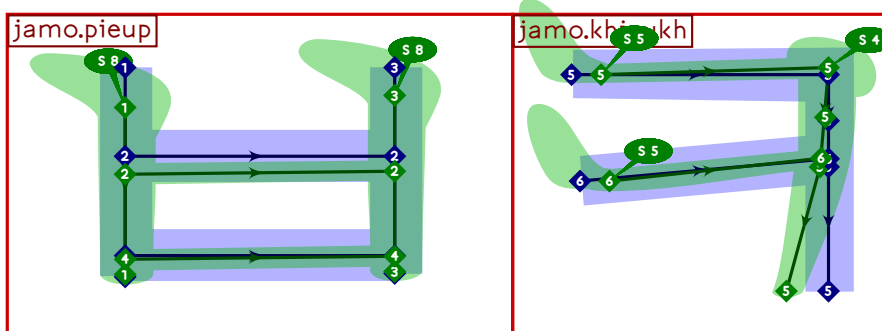
FF4

```

739 % hangul lead pieup-sios-thieuth
740 begintsuglyph("uniA972.lj2",114);
741   hangul.combine.lcr(207,209,116)(whatever,lixf,loxf);
742   tsu_render;
743 endtsuglyph;
744

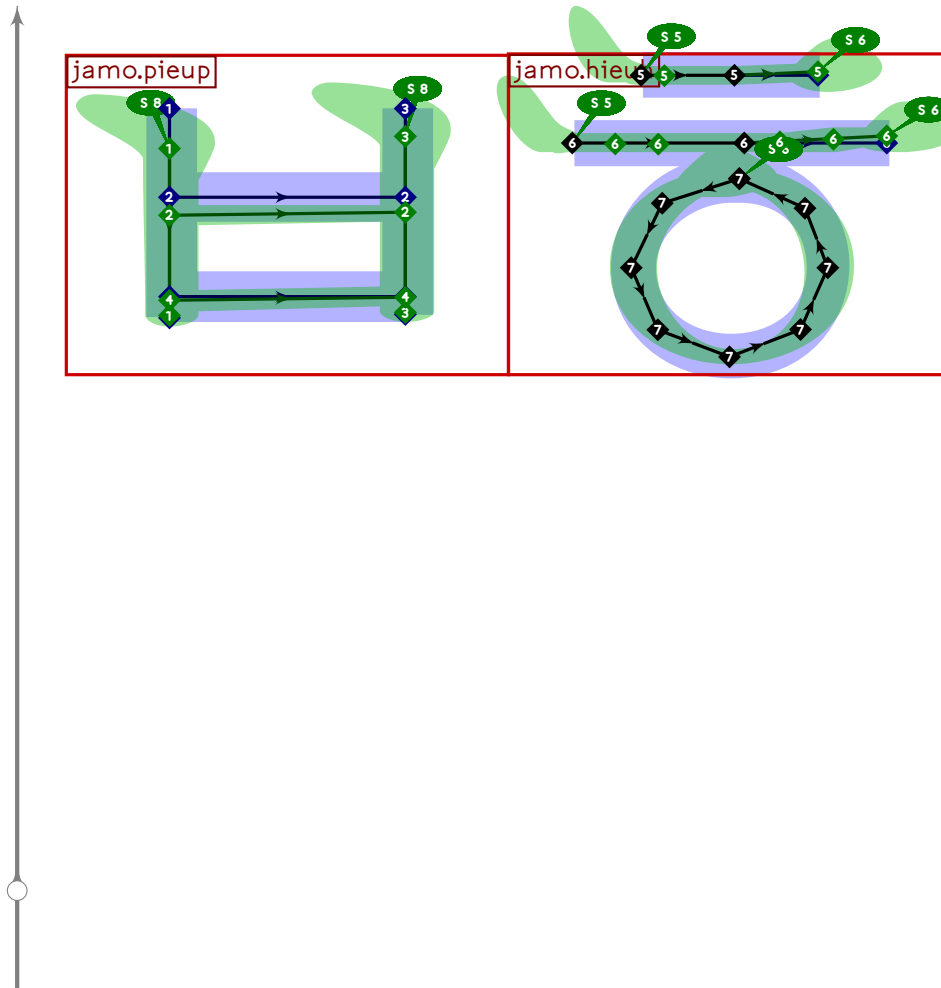
```

U+FF473  
jieub.uniA973.lj2



FF4

```
745 % hangul lead pieup-khieukh
746 begintsuglyph("uniA973.lj2";115);
747   hangul.combine.lr(207,115)(whatever,lixf,loxf);
748   tsu_render;
749 endtsuglyph;
750
```



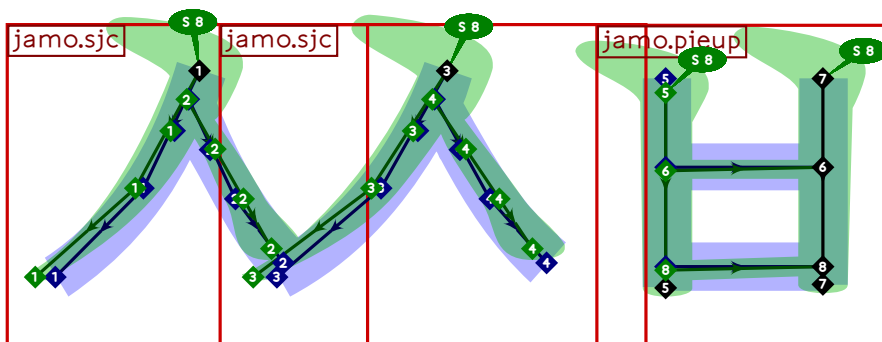
FF4

```

751 % hangul lead pieup-hieuh
752 begintsuglyph("uniA974.lj2",116);
753   hangul.combine.lr(207,118)(whatever,lixf,loxf);
754   tsu_render;
755 endtsuglyph;
756

```

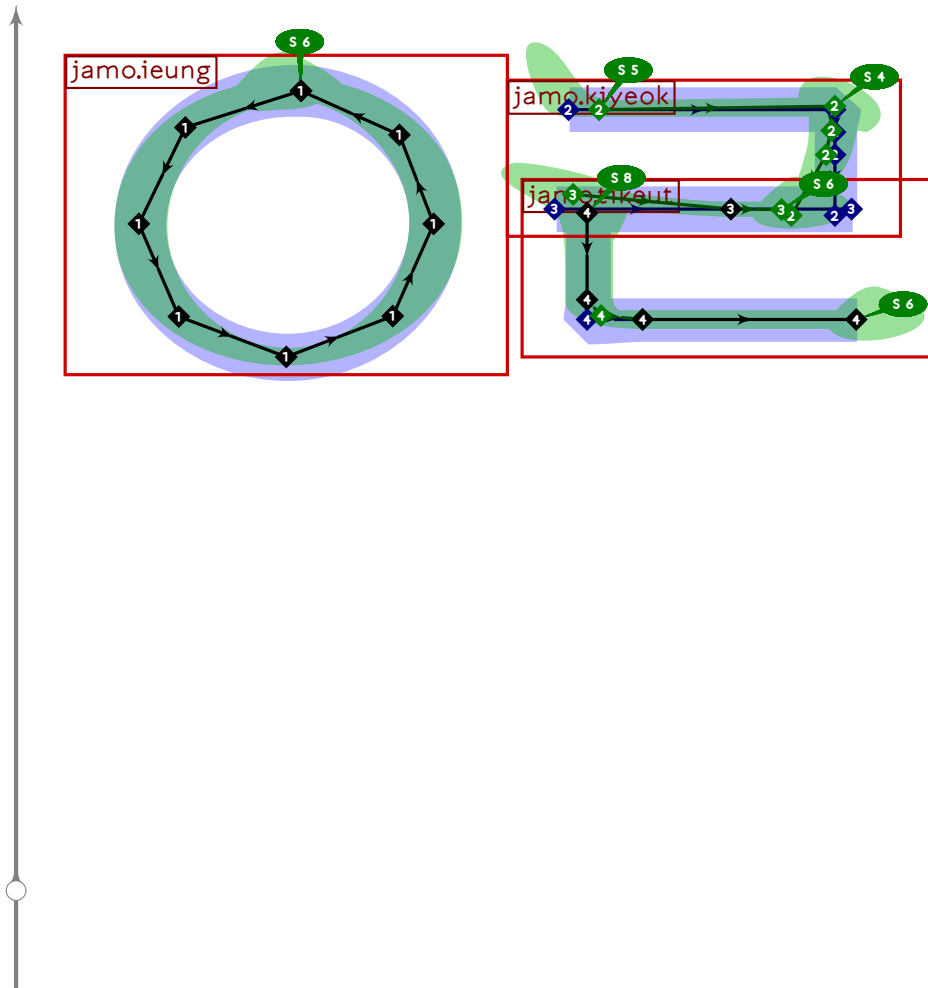
U+FF475  
jieub.uniA975.lj2



FF4

```
757 % hangul lead ssangsios-pieup
758 begintsuglyph("uniA975.lj2",117);
759   hangul.combine.lcr(209,209,107)(whatever,lixf,loxf);
760   tsu_render;
761 endtsuglyph;
762
```





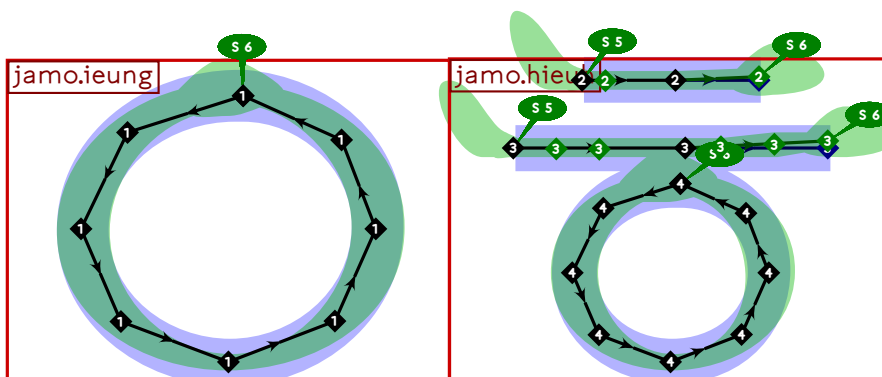
FF4

```

763 % hangul lead ieung-rieul
764 begintsuglyph("uniA976.lj2",118);
765   hangul.combine.lr(111,105)(whatever,lixf,loxf);
766   tsu_render;
767 endsuglyph;
768

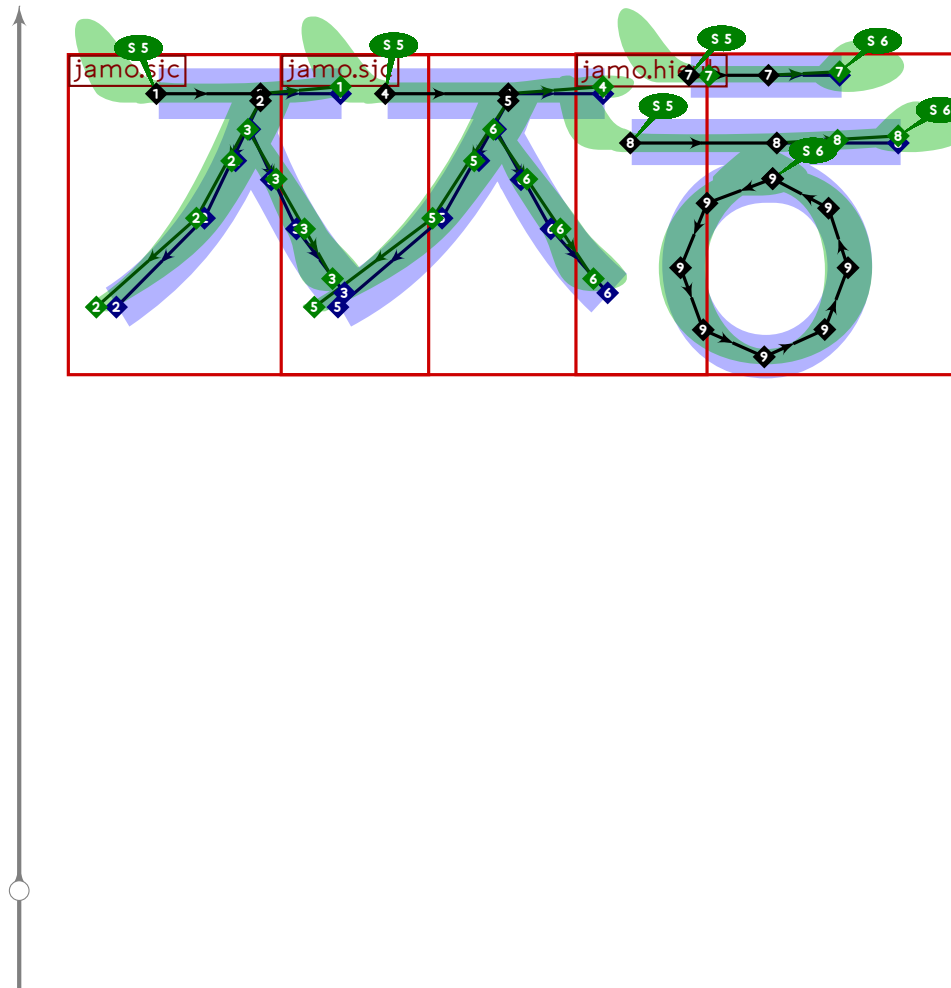
```

U+FF477  
jieub.uniA977.lj2



FF4

```
769 % hangul lead ieung-hieuh
770 beginsuglyph("uniA977.lj2",119);
771   hangul.combine.lr(111,118)(whatever,lixf,loxf);
772   tsu_render;
773 endsuglyph;
774
```



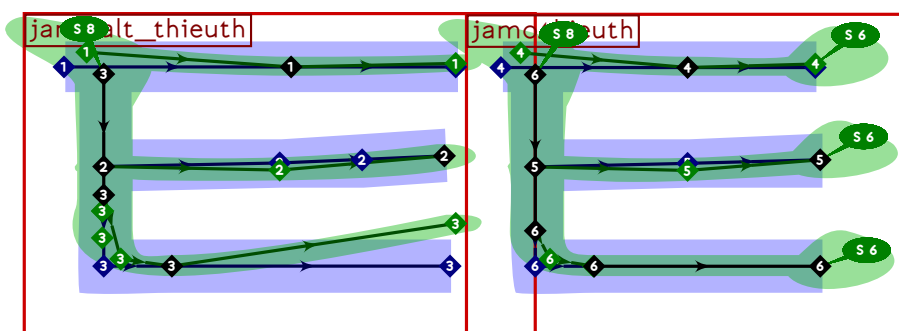
FF4

```

775 % hangul lead ssangcieuc-hieuh
776 begintsuglyph("uniA978.lj2",120);
777 hangul.combine.lcr(212,212,118)(whatever,lixf,loxf);
778 tsu_render;
779 endtsuglyph;
780

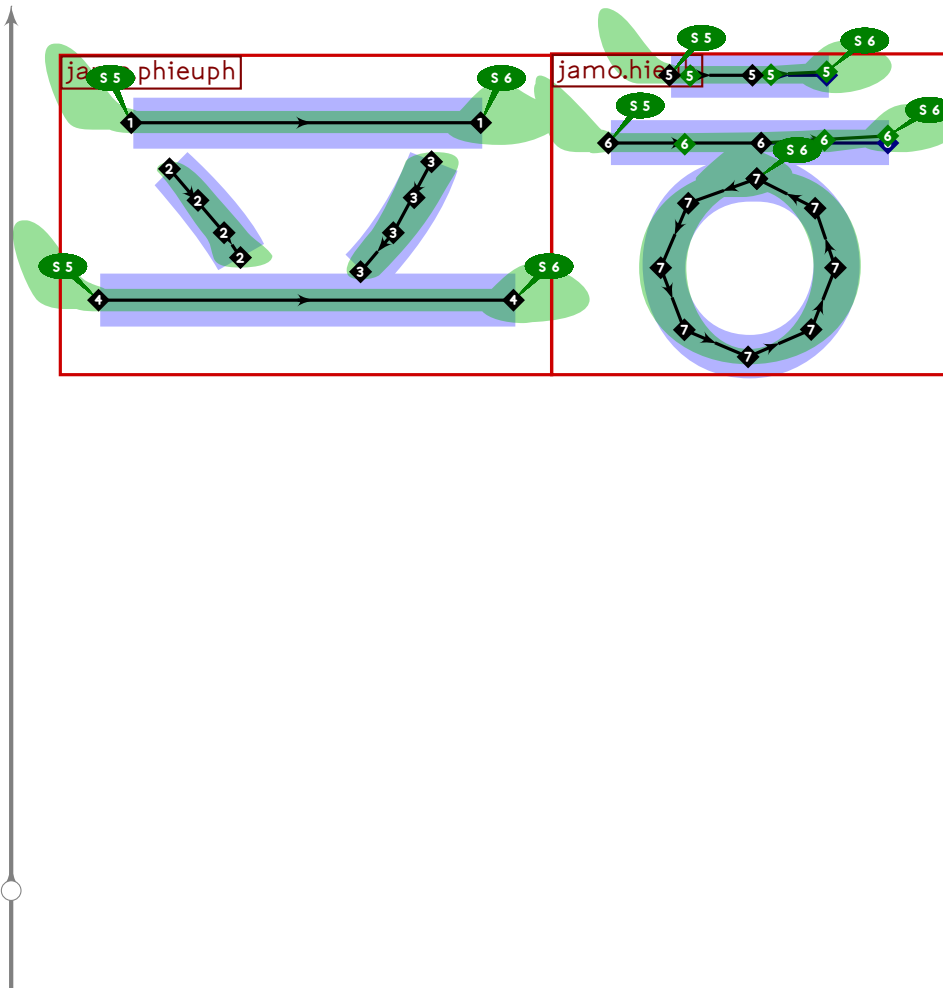
```

U+FF479  
jieub.uniA979.lj2



FF4

```
781 % hangul lead ssangthieuth
782 beginsuglyph("uniA979.lj2";121);
783   hangul.combine.lr(216,116)(whatever,lixf,loxf);
784   tsu_render;
785 endsuglyph;
786
```



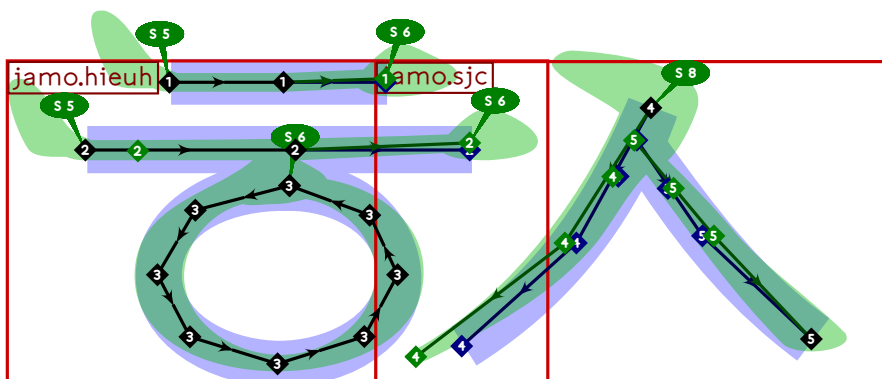
FF4

```

787 % hangul lead phieuph-hieuh
788 begintsuglyph("uniA97A.lj2",122);
789 hangul.combine.lcr(117,230,118)(whatever,lixf,loxf);
790 tsu_render;
791 endsuglyph;
792

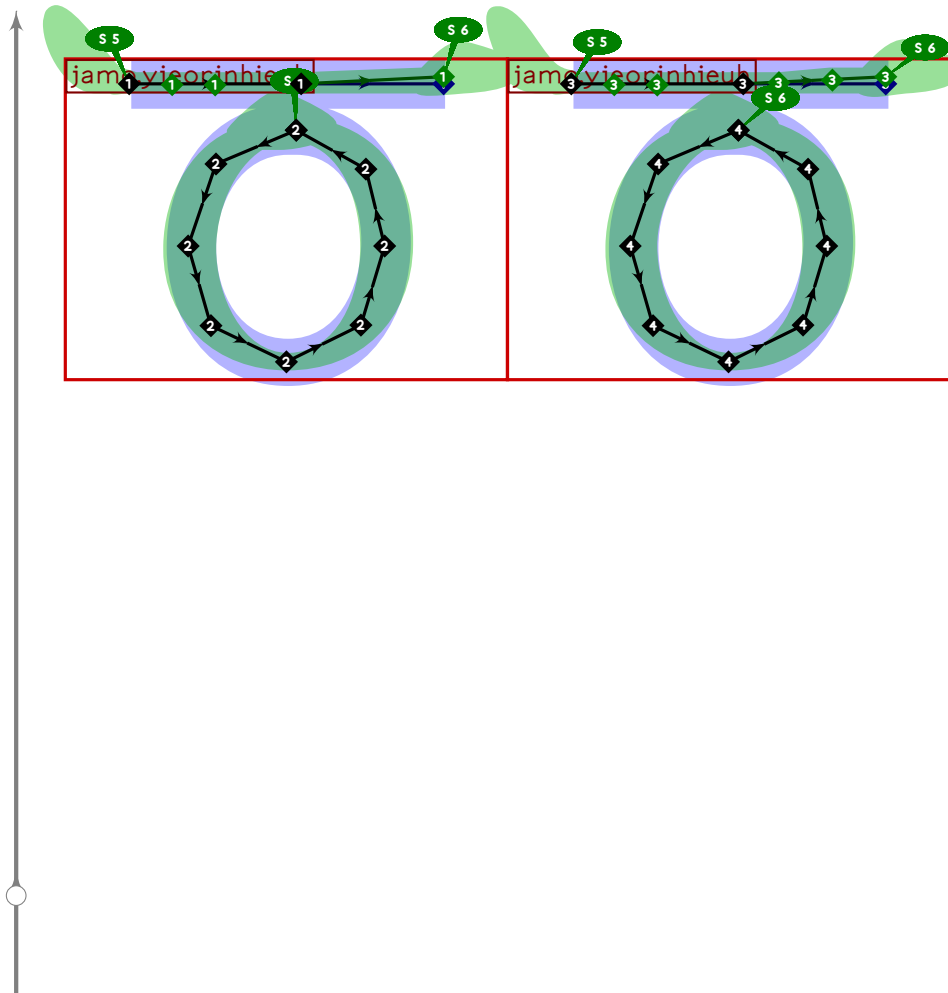
```

U+FF47B  
jieub.uniA97B.lj2



FF4

```
793 % hangul lead hieuh-sios
794 begintsuglyph("uniA97B.lj2",123);
795   hangul.combine.lr(118,109)(whatever,lixf,loxf);
796   tsu_render;
797 endsuglyph;
798
```



FF4

```

799 % hangul lead ssangyeorinhieuh
800 begintsuglyph("uniA97C.lj2",124);
801 hangul.combine.lcr(221,230,221)(whatever,lixf,loxf);
802 tsu_render;
803 endtsuglyph;
804
805
806
807 endfont;
808
809

```

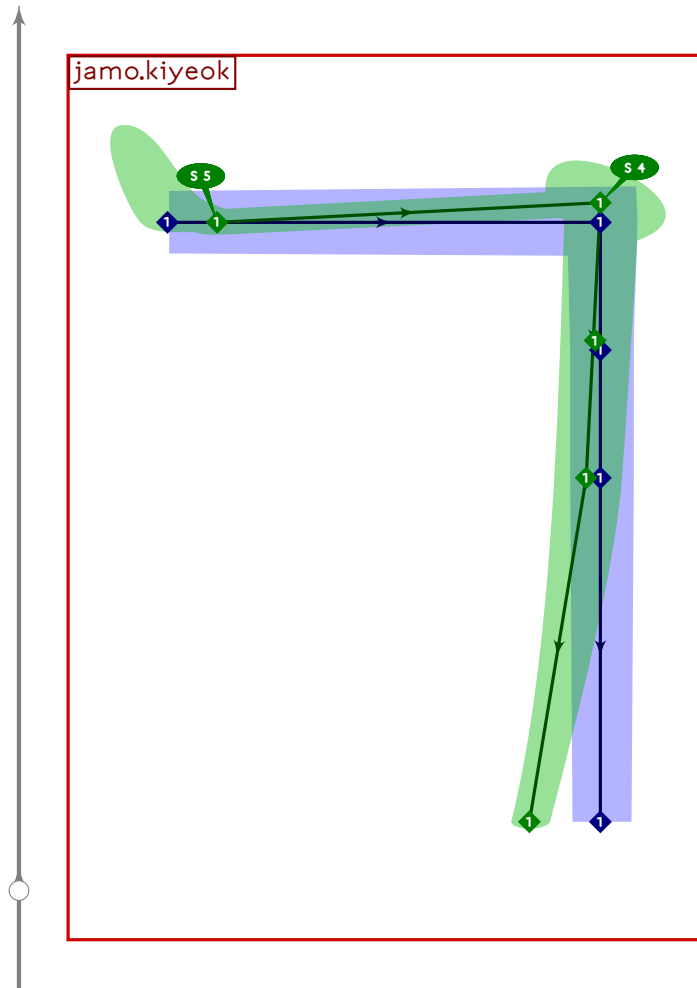
## jieub-ff5.mp

```
1 %
2 % Unicode page FF5 (alternate lead jamo) for Jieubsida
3 % Copyright (C) 2011, 2012 Matthew Skala
4 %
5-29 [Standard copyright notice]
30
31
32
33 beginfont
34
35 % AUTODEPS
36 input hangul.mp;
37 input jamo-basic.mp;
38 input jamo-extra.mp;
39
40 do_late_includes;
41
42
43
44 % This file contains leads for layout 4: vertical vowel and empty tail
45
46 transform lixf,loxf;
47
48 lixf=loxf=hxf((50,850),(700,-50));
49
50
51
```

## Hangul Choseong (Lead) Jamo

```
52 % HANGUL CHOSEONG (LEAD) JAMO
53
54 tsu_rescale_native_zero;
55
```



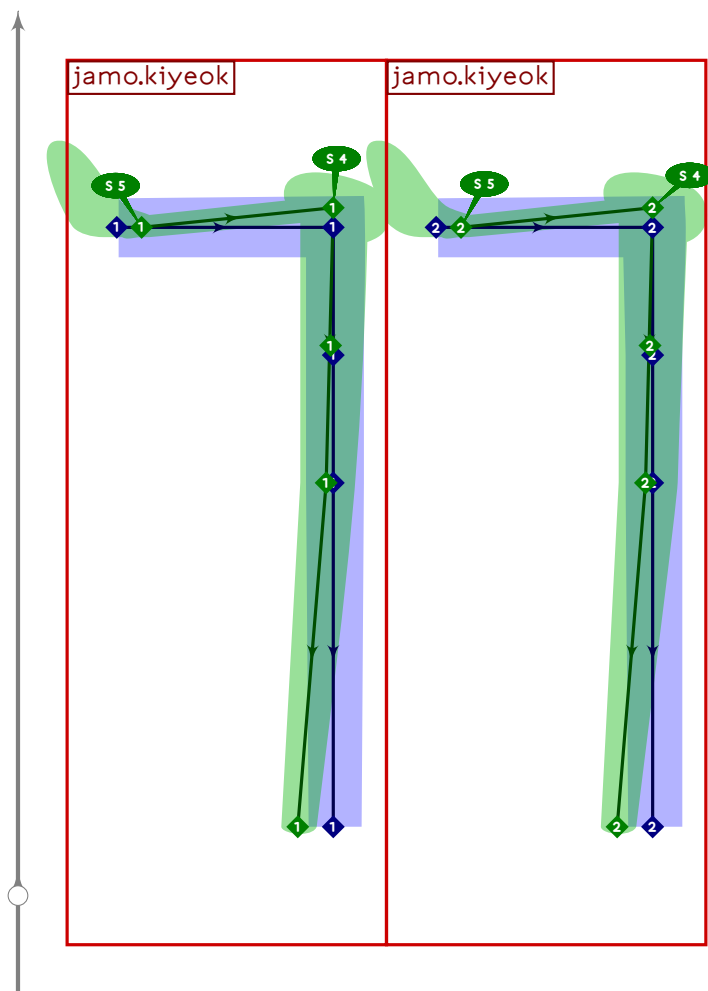


FF5

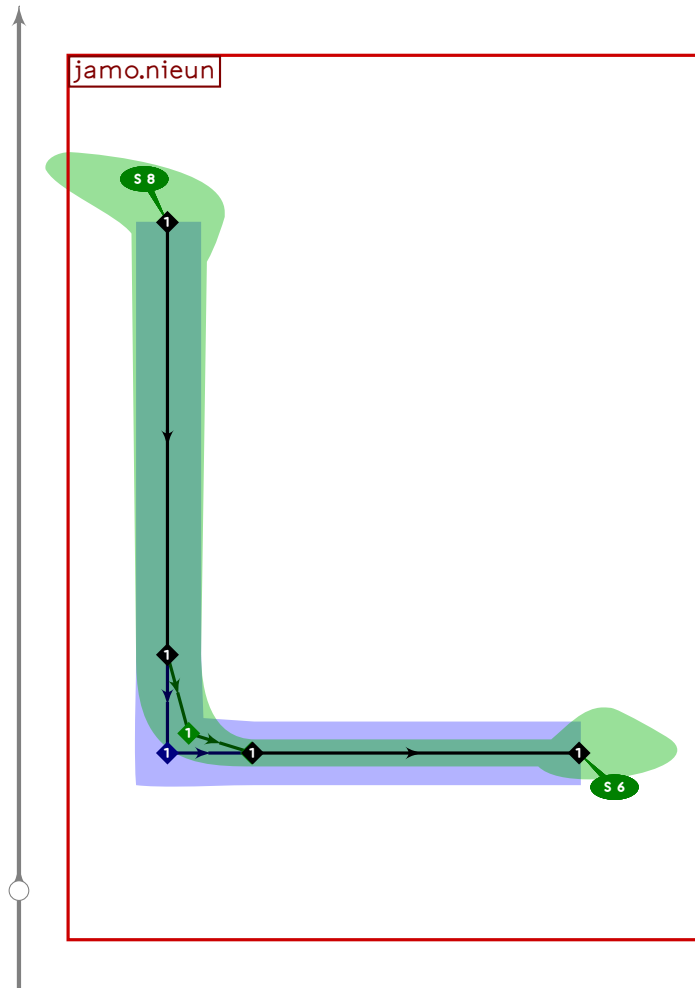
```
56 % hangul lead kiyeok
57 beginsuglyph("uni1100.lj4",0);
58 hangul.jamo.kiyeok(whatever,lixf,loxf);
59 tsu_render;
60 endsuglyph;
61
```

U+FF501  
jieub.uni1101.lj4

FF5



```
62 % hangul lead ssangkiyeok
63 beginsuglyph("uni1101.lj4",1);
64 hangul.combine.lr(100,100)(whatever,lixf,loxf);
65 tsu_render;
66 endsuglyph;
67
```



FF5

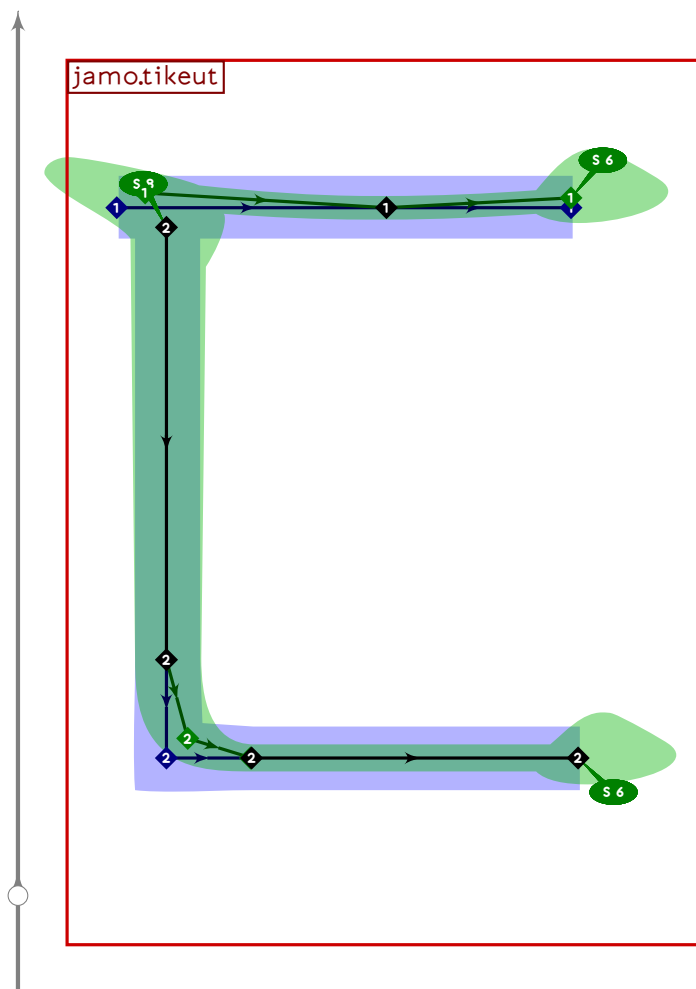
```

68 % hangul lead nieun
69 beginsuglyph("uni1102.lj4",2);
70 hangul.jamo.nieun(whatever,lixf,loxf);
71 tsu_render;
72 endsuglyph;
73

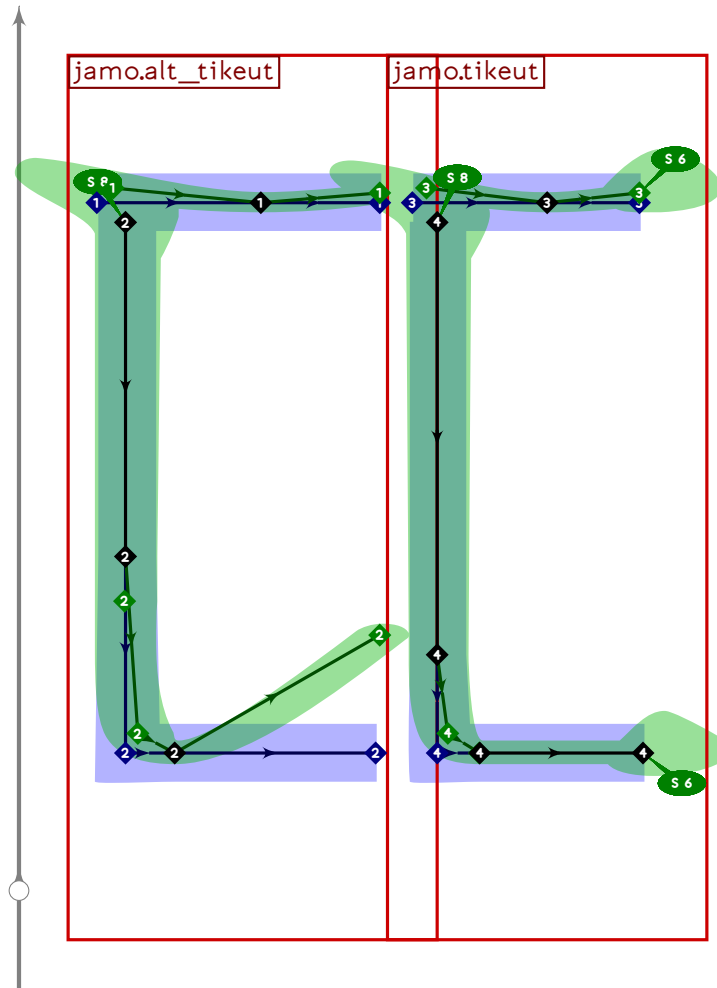
```

U+FF503  
jieub.uni1103.lj4

FF5



```
74 % hangul lead tikeut
75 beginsuglyph("uni1103.lj4";3);
76 hangul.jamo.tikeut(whatever,lixf,loxf);
77 tsu_render;
78 endsuglyph;
79
```



FF5

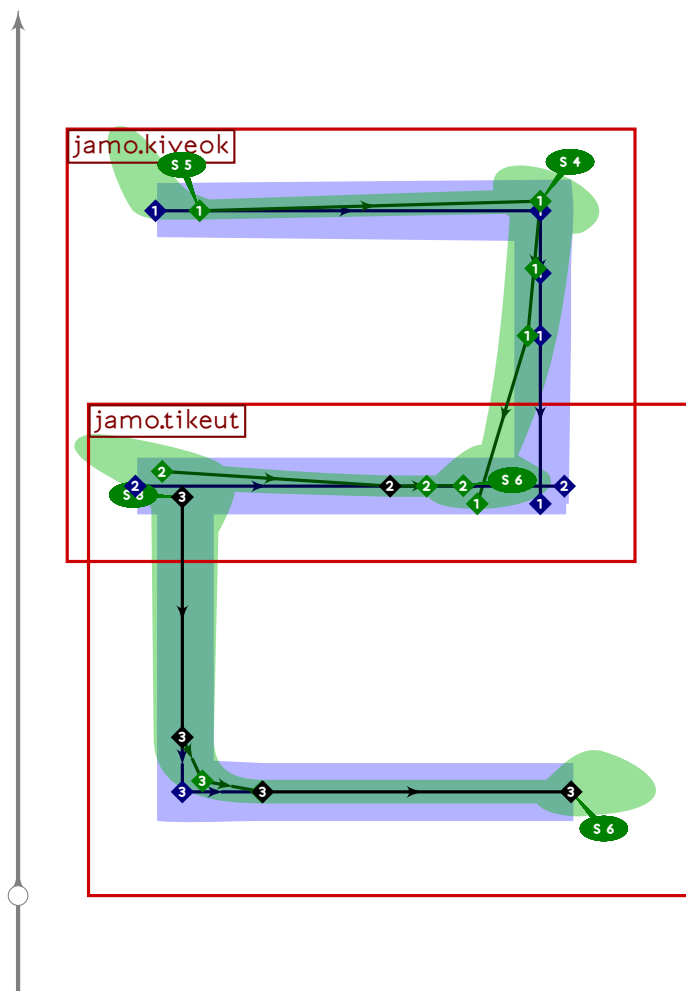
```

80 % hangul lead ssangtikeut
81 begintsuglyph("uni1104.lj4";4);
82   hangul.combine.lr(203,103)(whatever,lixf,loxf);
83   tsu_render;
84 endsuglyph;
85

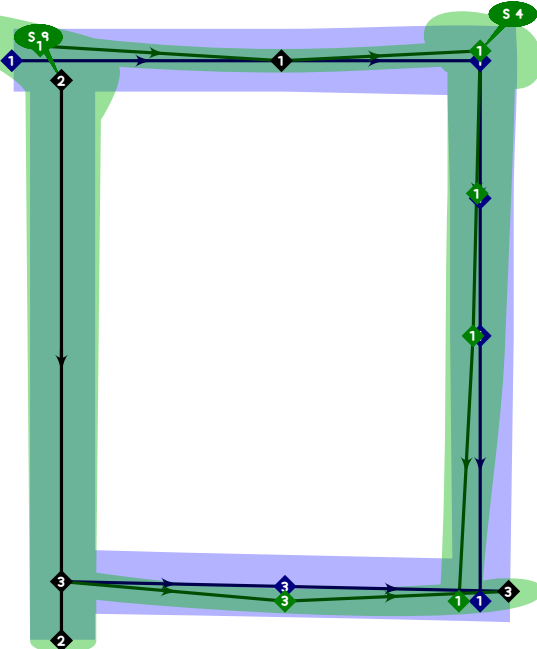
```

U+FF505  
jieub.uni1105.lj4

FF5



```
86 % hangul lead rieul
87 begintsuglyph("uni1105.lj4",5);
88   hangul.jamo.rieul(whatever,lixf,loxf);
89   tsu_render;
90 endsuglyph;
91
```



FF5

```

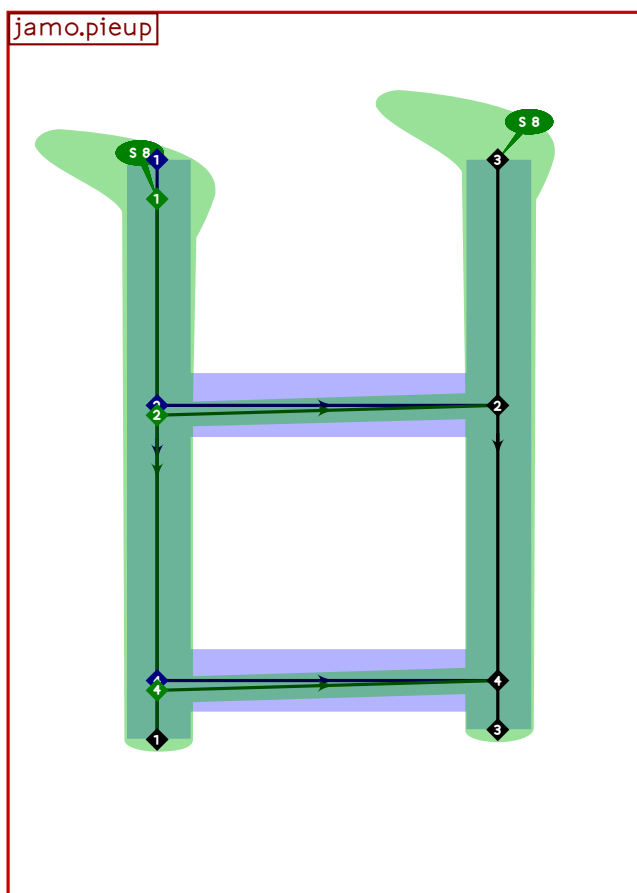
92 % hangul lead mieum
93 begint Suglyph("uni1106.lj4",6);
94   hangul.jamo.mieum(whatever,lixf,loxf);
95   tsu__render;
96 endts Suglyph;
97

```

U+FF507  
jieub.uni1107.lj4

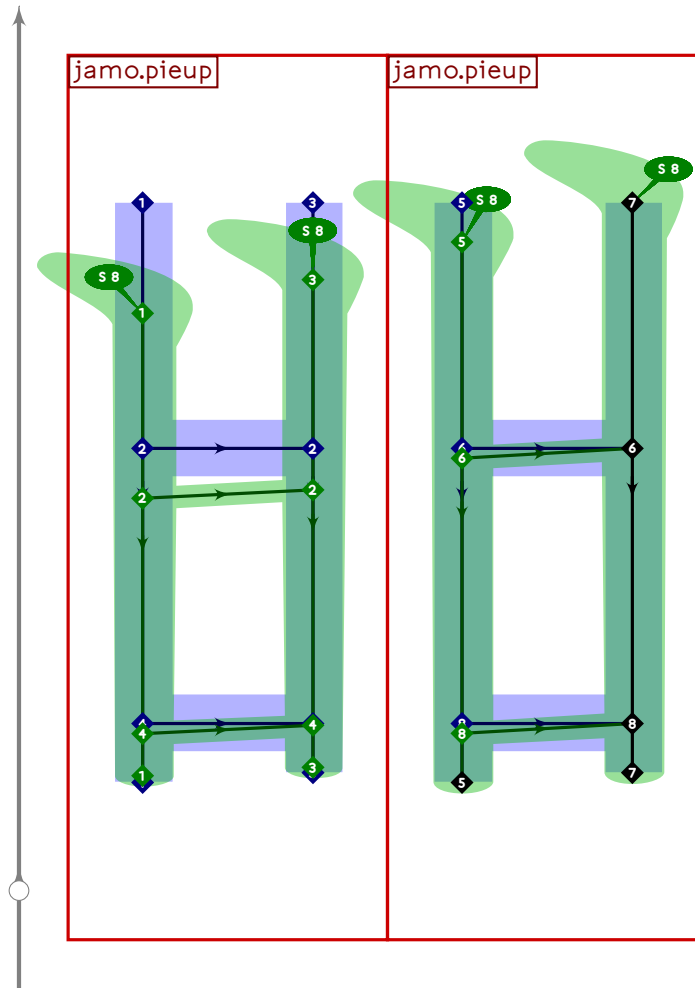
FF5

jamo.pieup



```
98 % hangul lead pieup
99 beginsuglyph("uni1107.lj4";7);
100 hangul.jamo.pieup(whatever,lixf,loxf);
101 tsu_render;
102 endsuglyph;
103
```





FF5

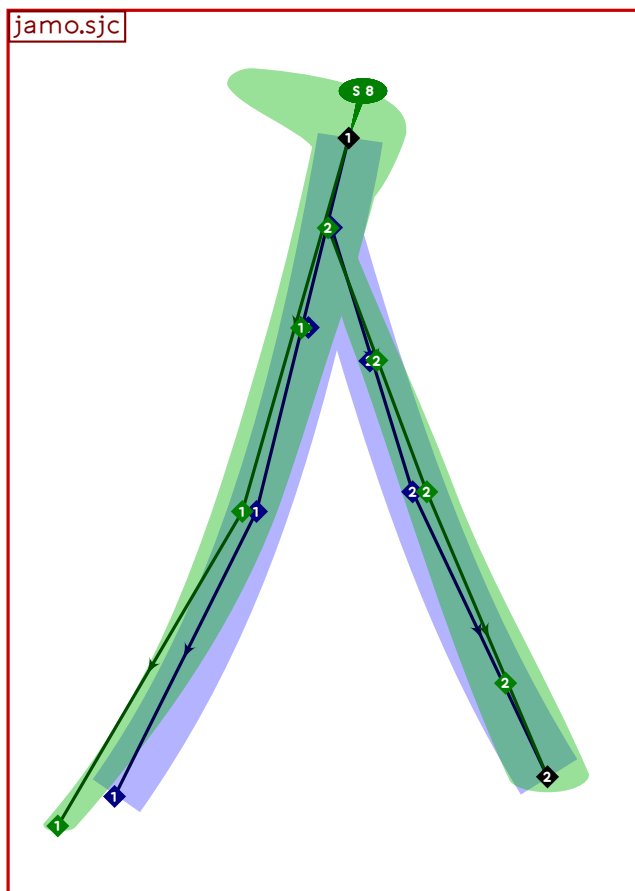
```

104 % hangul lead ssangpieup
105 begintsuglyph("uni1108.lj4",8);
106 hangul.combine.lr(207,107)(whatever,lixf,loxf);
107 tsu_render;
108 endsuglyph;
109

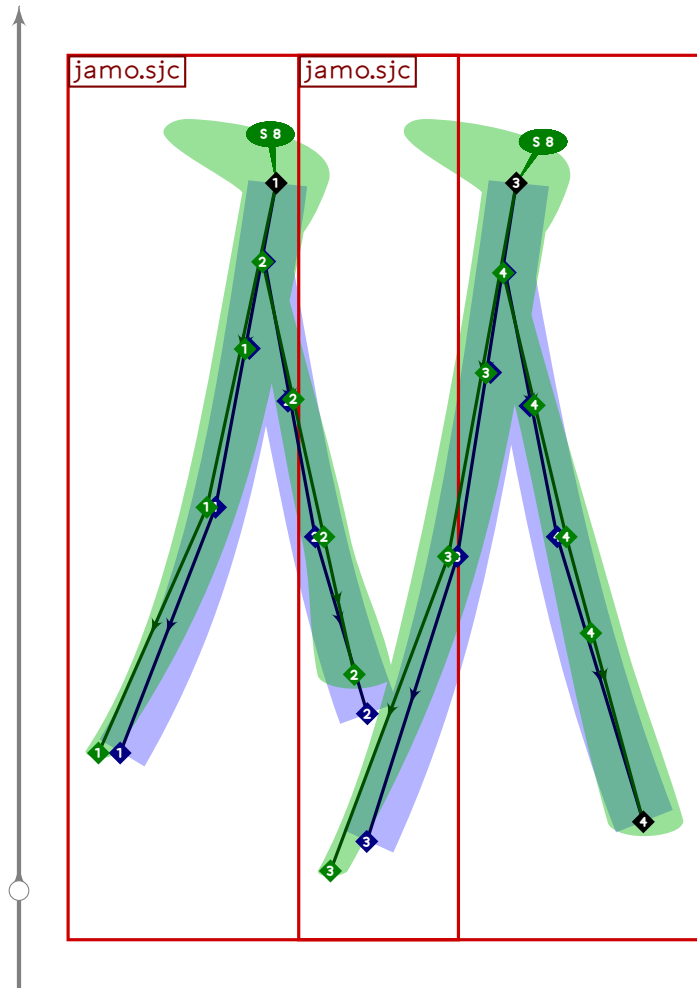
```

U+FF509  
jieub.uni1109.lj4

FF5



```
110 % hangul lead sios
111 begintsuglyph("uni1109.lj4";9);
112   hangul.jamo.sjc(0,0,false)(whatever,lixf,loxf);
113   tsu_render;
114 endsuglyph;
115
```



FF5

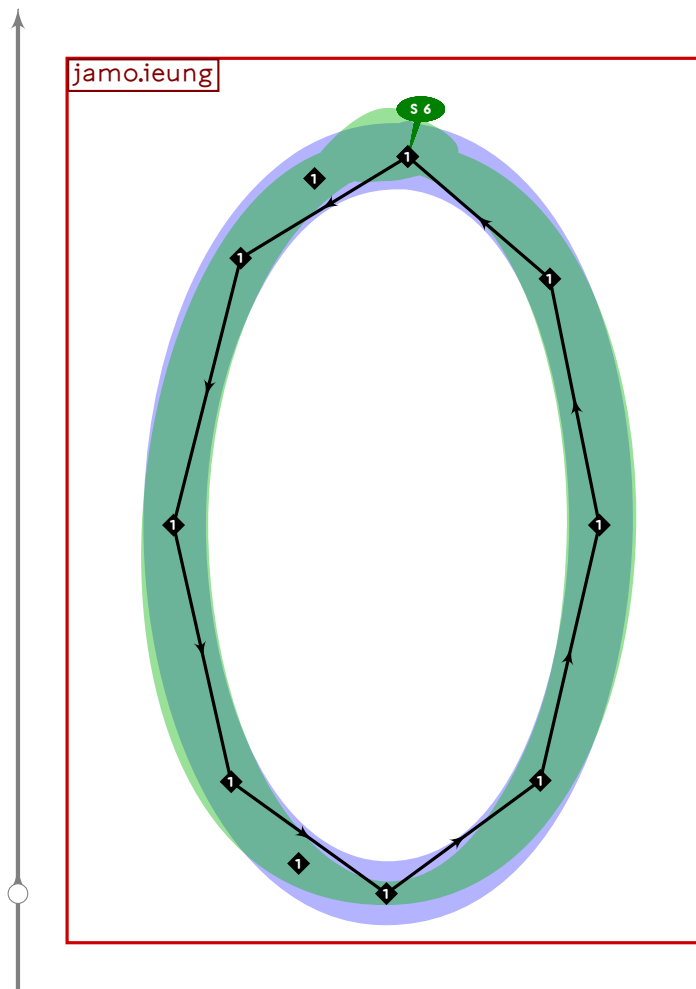
```

116 % hangul lead ssangsios
117 begintsuglyph("uni110A.lj4";10);
118   hangul.combine.lr(209,109)(whatever,lixf,loxf);
119   tsu_render;
120 endtsuglyph;
121

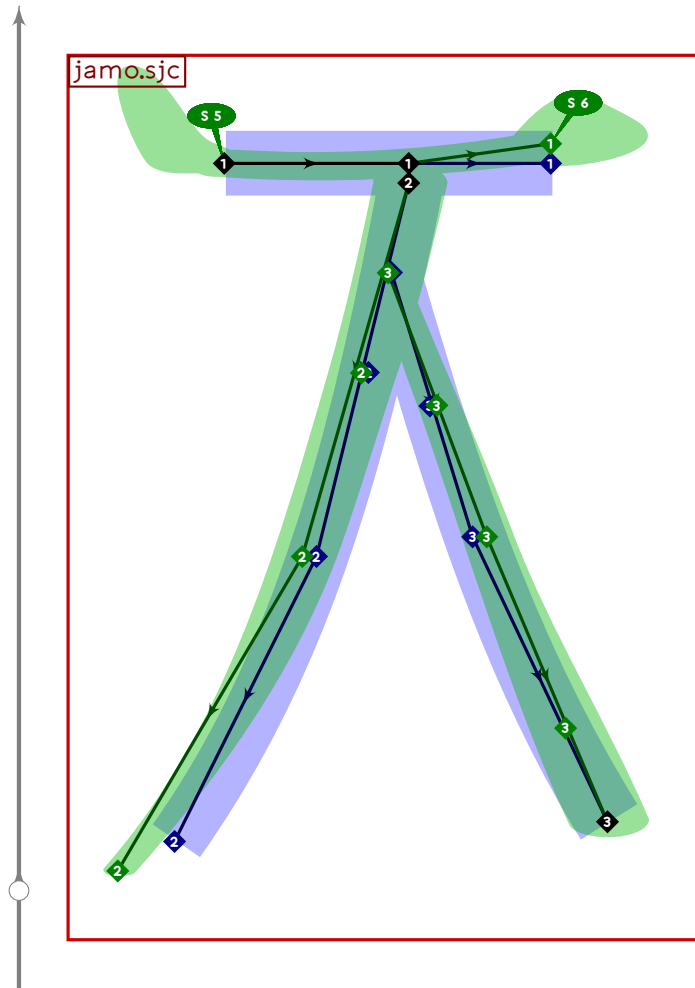
```

U+FF50B  
jieub.uni110B.lj4

FF5



```
122 % hangul lead ieung
123 beginsuglyph("uni110B.lj4";11);
124   hangul.jamo.ieung(whatever,lixf,loxf);
125   tsu_render;
126 endsuglyph;
127
```



FF5

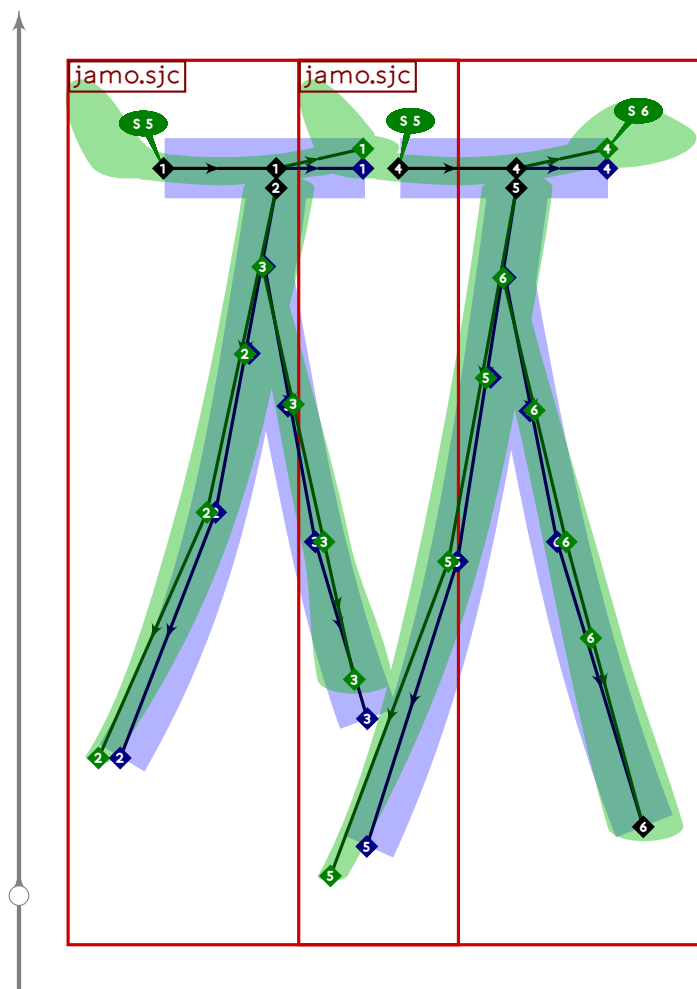
```

128 % hangul lead cieuc
129 begintsuglyph("uni110C.lj4",12);
130 hangul.jamo.sjc(1,0,false)(whatever,lixf,loxf);
131 tsu_render;
132 endsuglyph;
133

```

U+FF50D  
jieub.uni110D.lj4

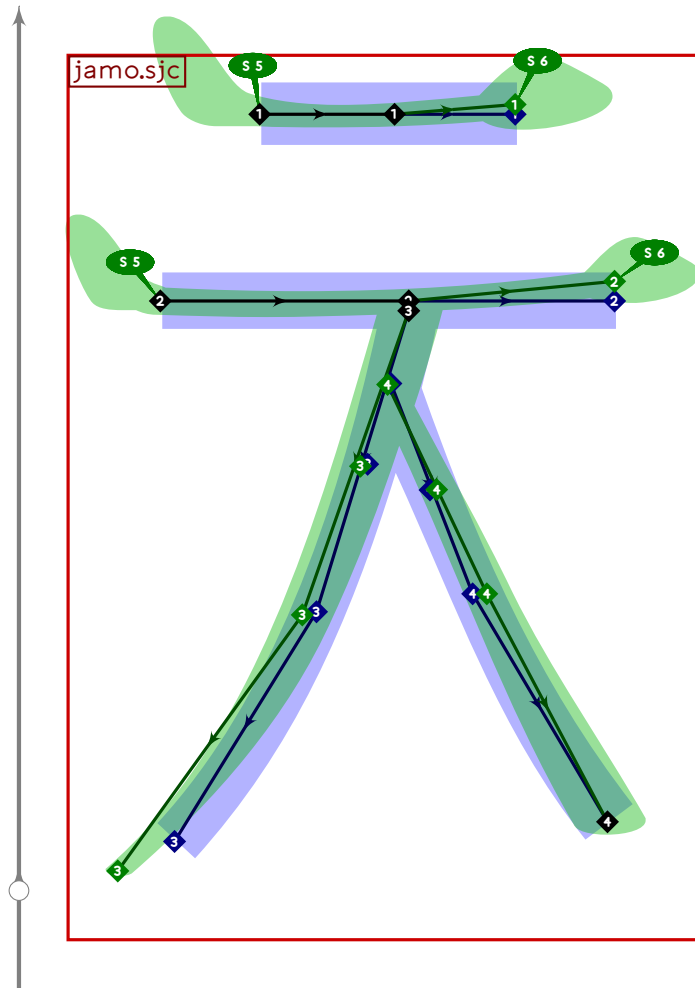
FF5



```

134 % hangul lead ssangcieuc
135 begintsuglyph("uni110D.lj4",13);
136 hangul.combine.lr(212,112)(whatever,lixf,loxf);
137 tsu_render;
138 endtsuglyph;
139

```



FF5

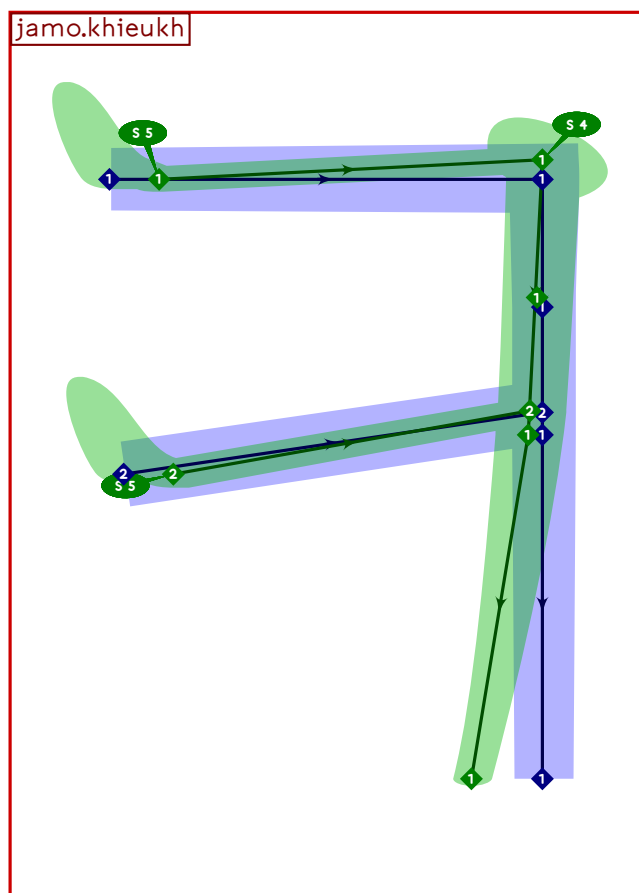
```

140 % hangul lead chieuch
141 begintsuglyph("uni110E.lj4",14);
142   hangul.jamo.sjc(2,0,false)(whatever,lixf,loxf);
143   tsu_render;
144 endtsuglyph;
145

```

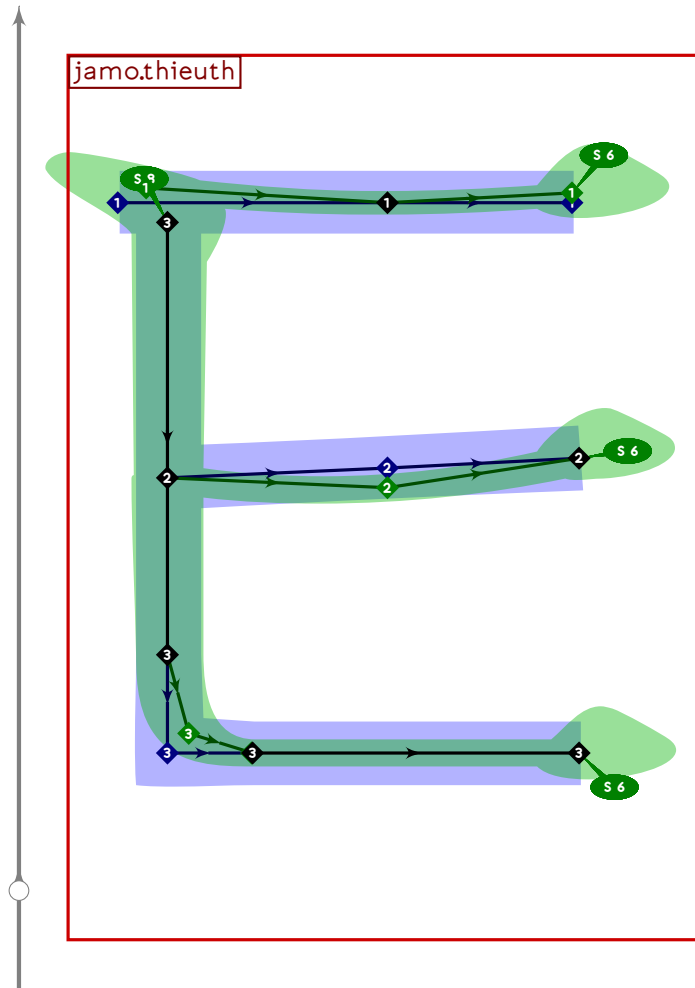
U+FF50F  
jieub.uni110F.lj4

FF5



```
146 % hangul lead khieukh
147 begintsuglyph("uni110F.lj4",15);
148 hangul.jamo.khieukh(whatever,lixf,loxf);
149 tsu_render;
150 endtsuglyph;
151
```





FF5

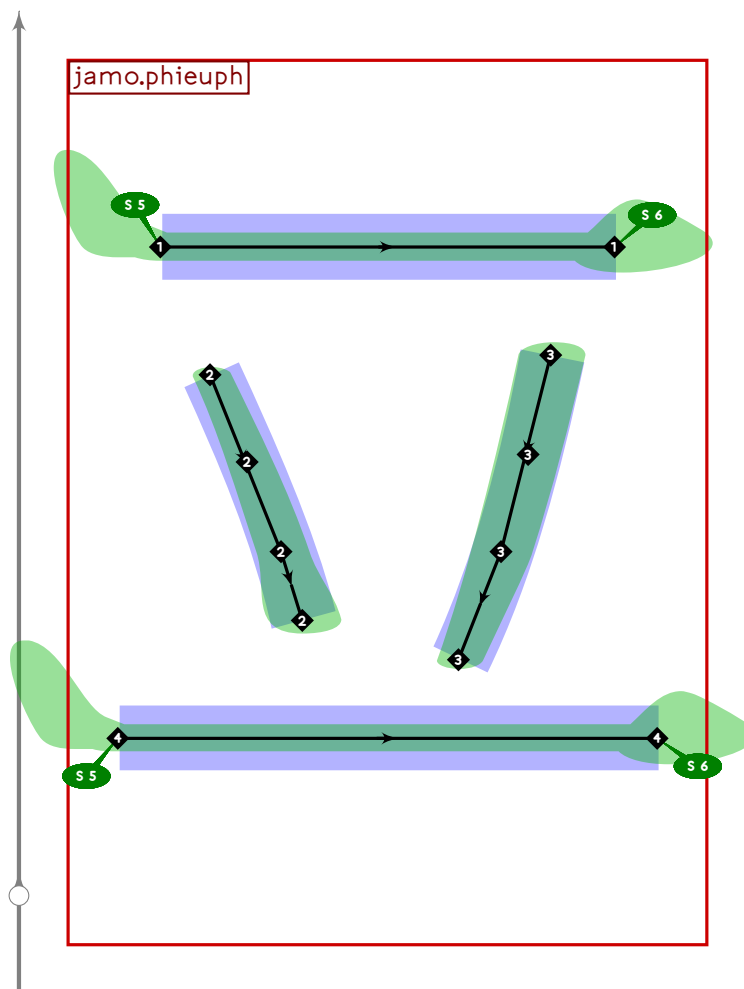
```

152 % hangul lead thieuth
153 begintsuglyph("uni1110.lj4";16);
154 hangul.jamo.thieuth(whatever,lixf,loxf);
155 tsu_render;
156 endtsuglyph;
157

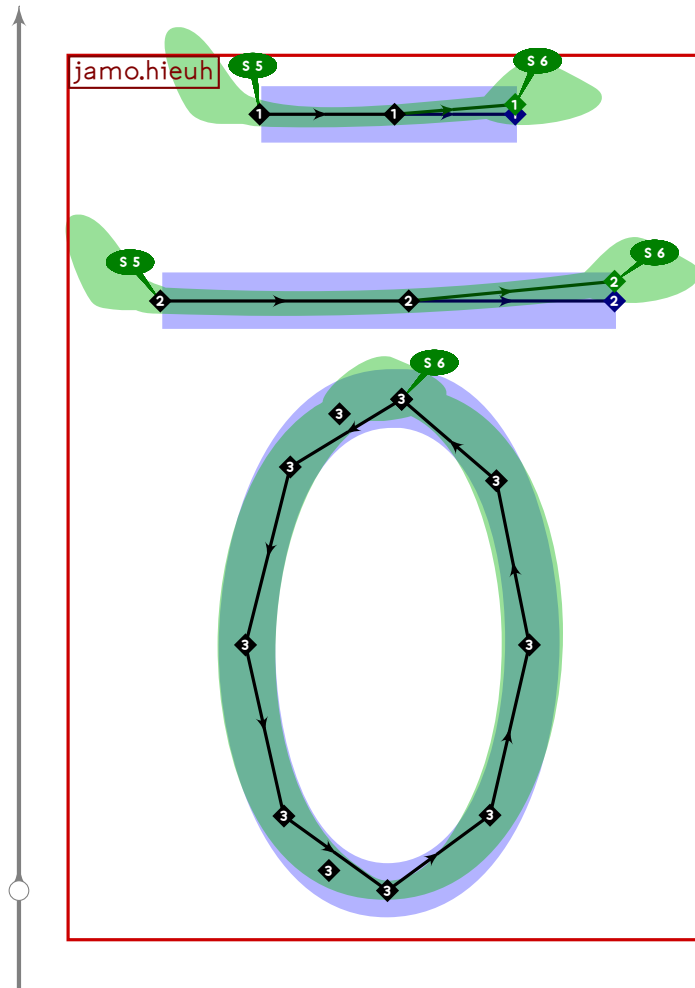
```

U+FF511  
jieub.uni1111.lj4

FF5



```
158 % hangul lead phieuph
159 beginsuglyph("uni1111.lj4",17);
160 hangul.jamo.phieuph(whatever,lixf,loxf);
161 tsu_render;
162 endsuglyph;
163
```



FF5

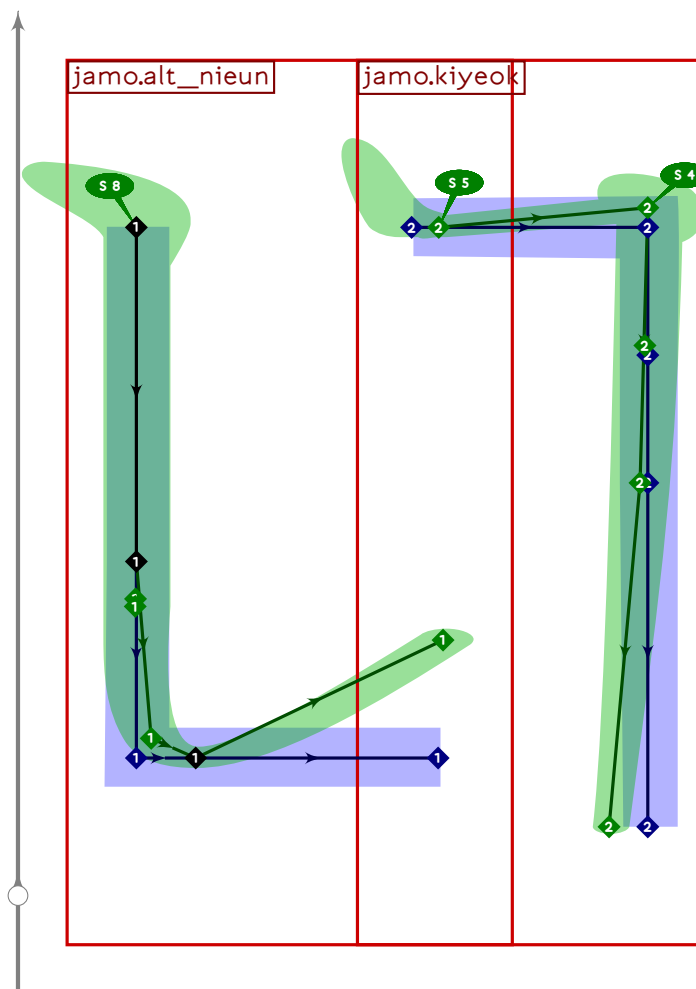
```

164 % hangul lead hieuh
165 beginsuglyph("uni1112.lj4";18);
166   hangul.jamo.hieuh(whatever,lixf,loxf);
167   tsu_render;
168 endsuglyph;
169

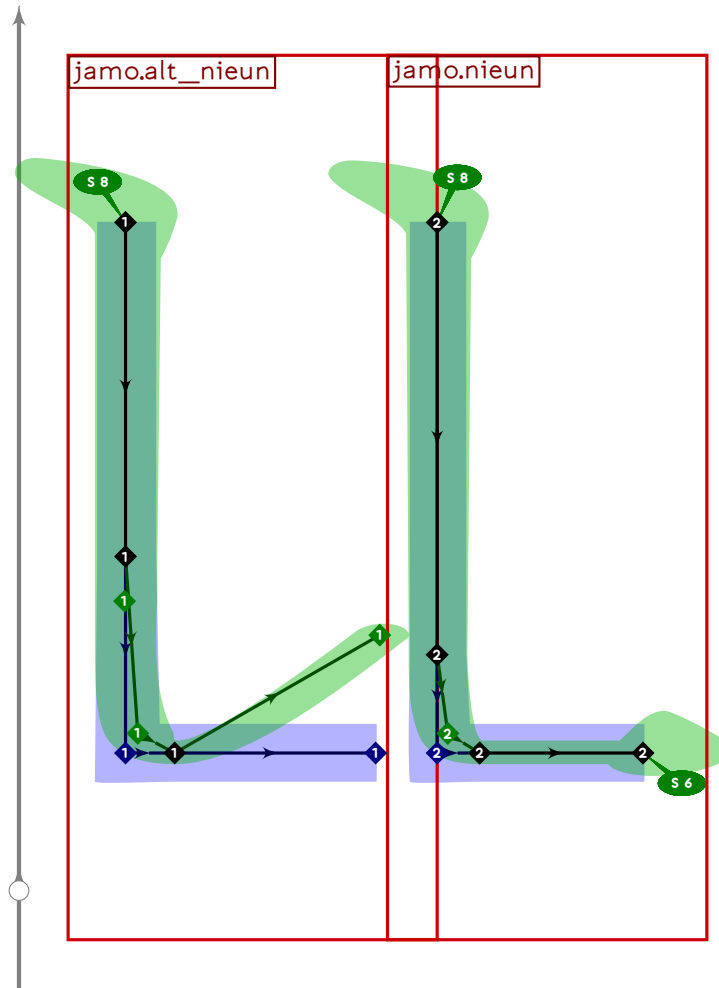
```

U+FF513  
jieub.uni1113.lj4

FF5



```
170 % hangul lead nieun-kiyeok
171 begintsuglyph("uni1113.lj4";19);
172   hangul.combine.lr(202,100)(whatever,lixf,loxf);
173   tsu_render;
174 endtsuglyph;
175
```



FF5

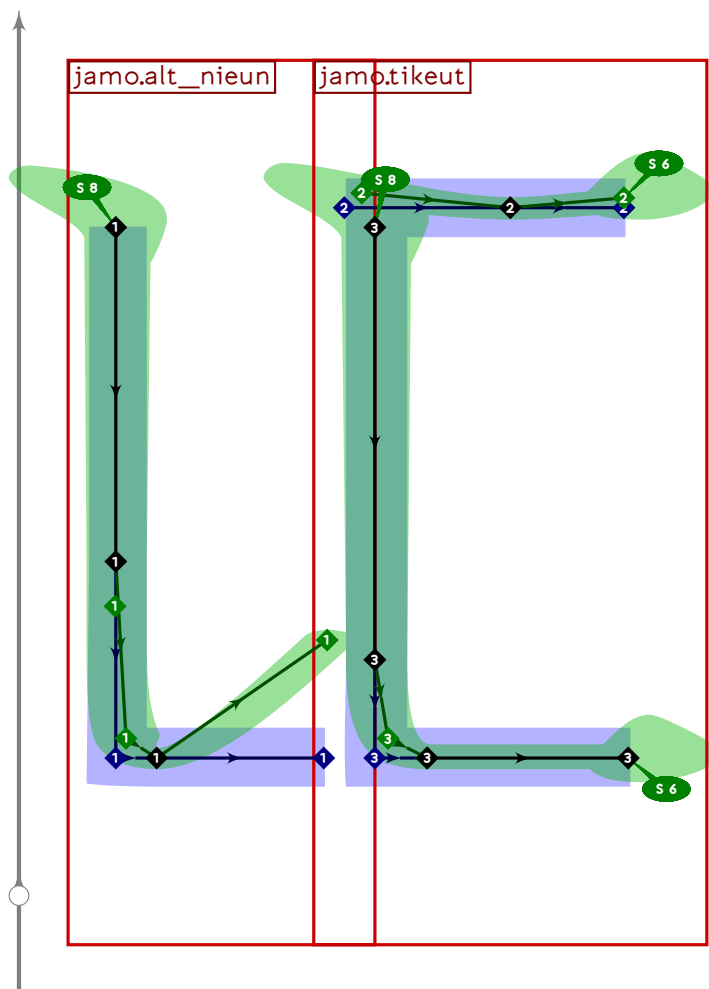
```

176 % hangul lead ssangnieun
177 begintsuglyph("uni1114.lj4";20);
178 hangul.combine.lr(202,102)(whatever,lixf,loxf);
179 tsu_render;
180 endsuglyph;
181

```

U+FF515  
jieub.uni1115.lj4

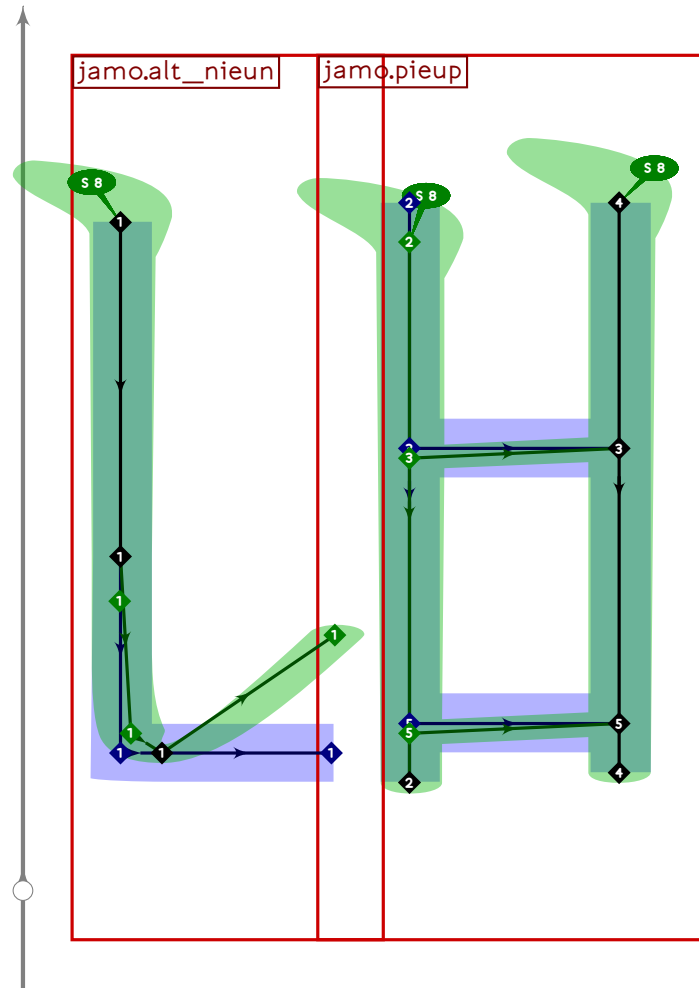
FF5



```

182 % hangul lead nieun-tikeut
183 begintsuglyph("uni1115.lj4";21);
184 hangul.combine.lr(202,103)(whatever,lixf,loxf);
185 tsu_render;
186 endtsuglyph;
187

```



FF5

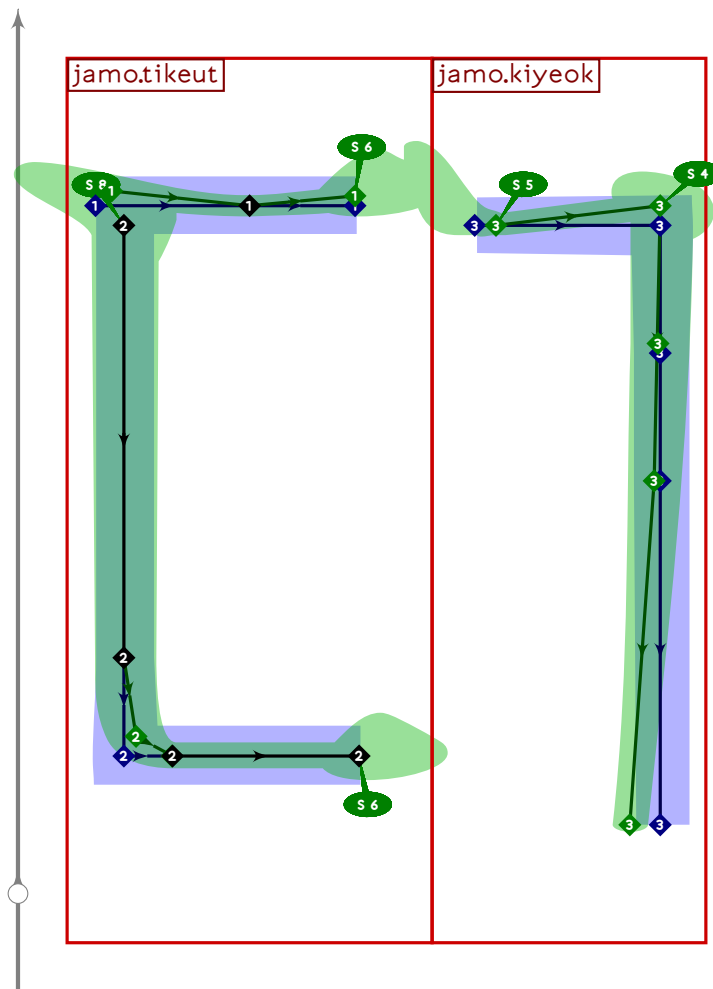
```

188 % hangul lead nieun-pieup
189 begintsuglyph("uni1116.lj4";22);
190 hangul.combine.lr(202,107)(whatever,lxf,loxf);
191 tsu_render;
192 endtsuglyph;
193

```

U+FF517  
jieub.uni1117.lj4

FF5

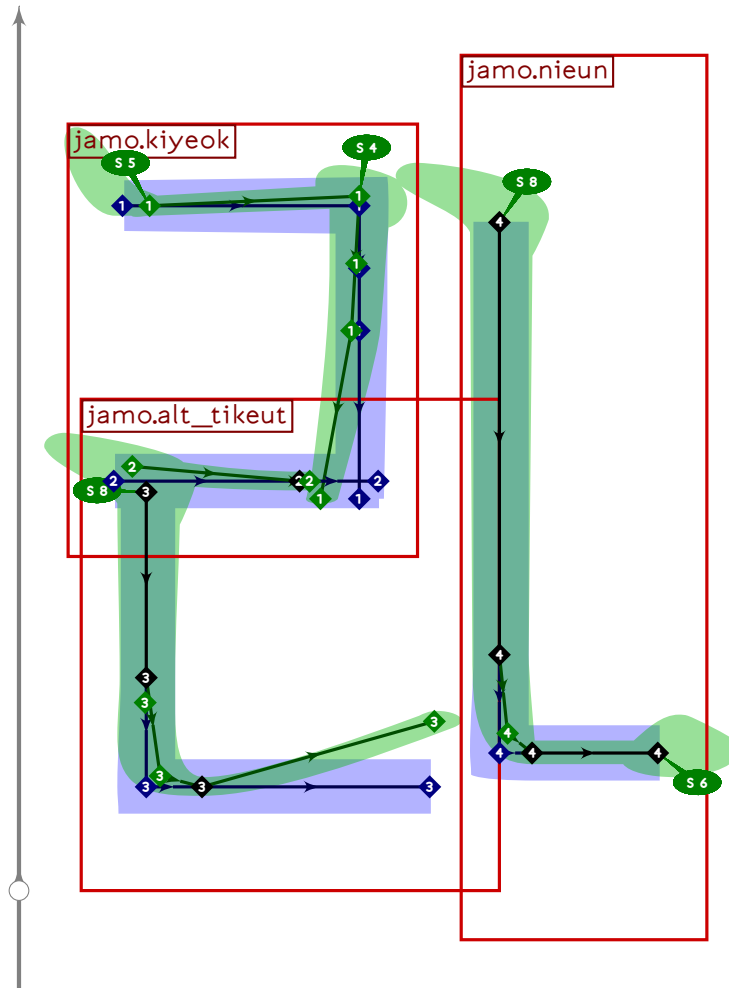


```

194 % hangul lead tikeut-kiyeok
195 begintsuglyph("uni1117.lj4";23);
196   hangul.combine.lr(103,100)(whatever,lixf,loxf);
197   tsu_render;
198 endtsuglyph;
199

```





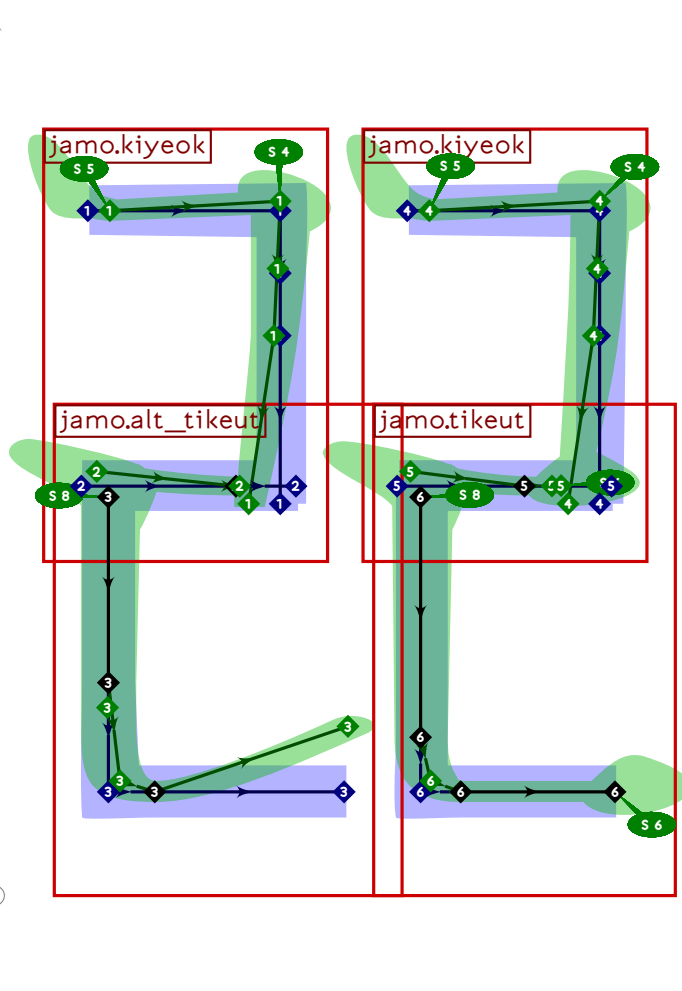
FF5

```

200 % hangul lead rieul-nieun
201 begintsuglyph("uni1118.lj4";24);
202 hangul.combine.lr(205,102)(whatever,lixf,loxf);
203 tsu_render;
204 endtsuglyph;
205

```

U+FF519  
jieub.uni1119.lj4

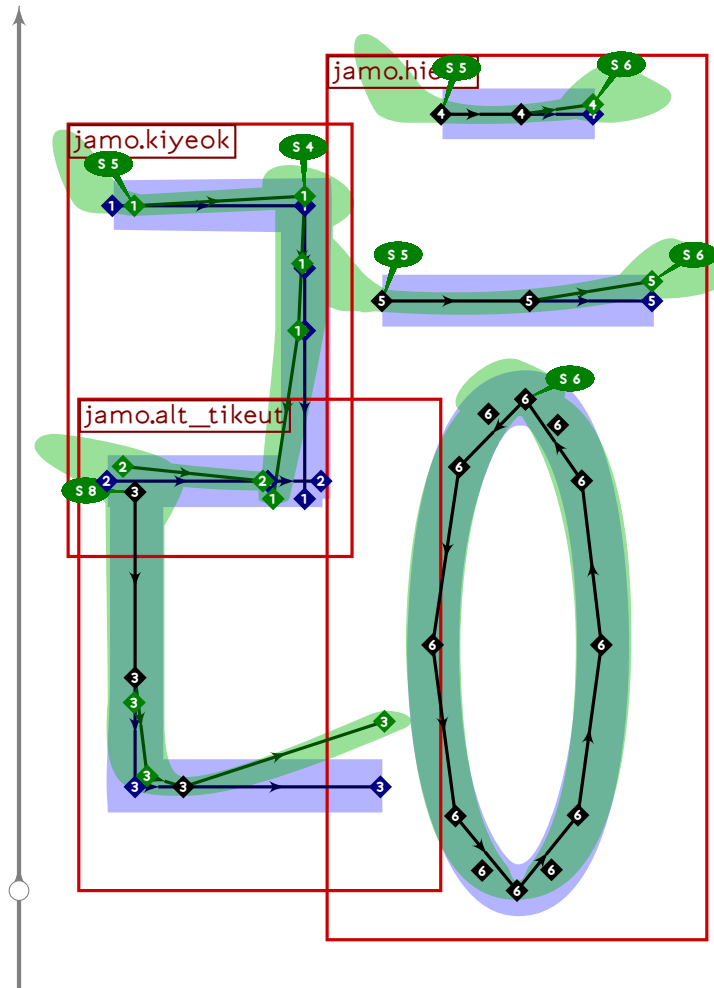


FF5

```

206 % hangul lead ssangrieul
207 begintsuglyph("uni1119.lj4";25);
208 hangul.combine.lr(205,105)(whatever,lxf,loxf);
209 tsu_render;
210 endtsuglyph;
211

```



FF5

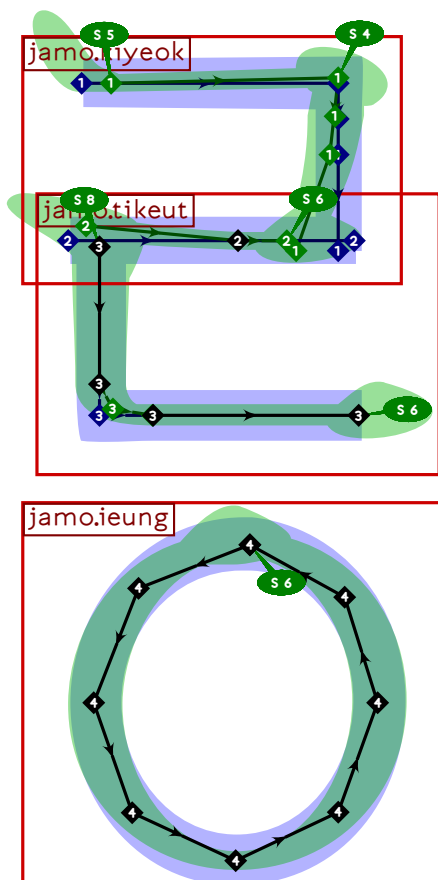
```

212 % hangul lead rieul-hieuh
213 begintsuglyph("uni111A.lj4";26);
214 hangul.combine.lr(205,118)(whatever,lixf,loxf);
215 tsu_render;
216 endtsuglyph;
217

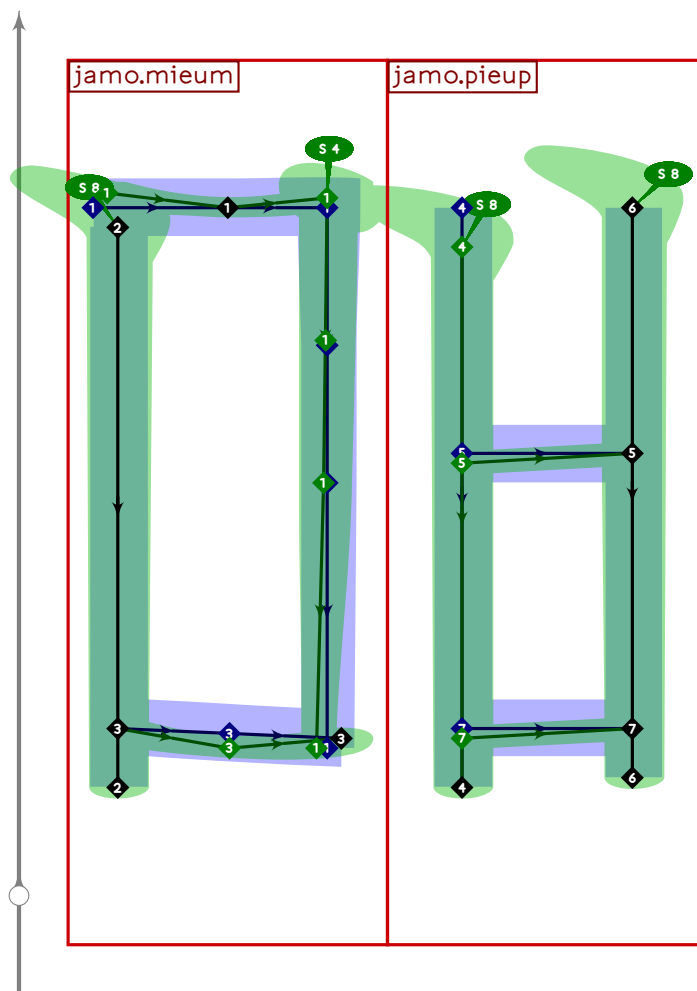
```

U+FF51B  
jieub.uni111B.lj4

FF5



```
218 % hangul lead kapyeounrieul
219 begintsuglyph("uni111B.lj4";27);
220 hangul.combine.tb(105,521)(whatever,
221   hxf((200,850),(800,-50)) transformed lixf,loxf);
222 tsu_render;
223 endtsuglyph;
224
```



FF5

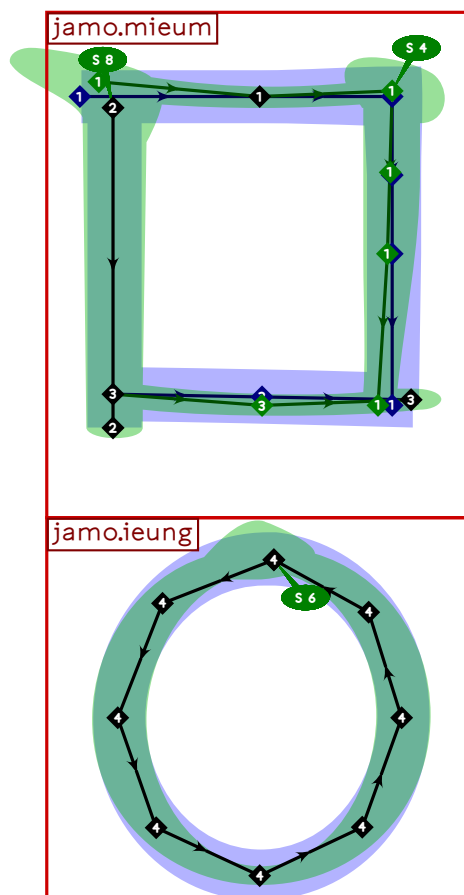
```

225 % hangul lead mieum-pieup
226 begintsuglyph("uni111C.lj4";28);
227   hangul.combine.lr(106,107)(whatever,lixf,loxf);
228   tsu_render;
229 endsuglyph;
230

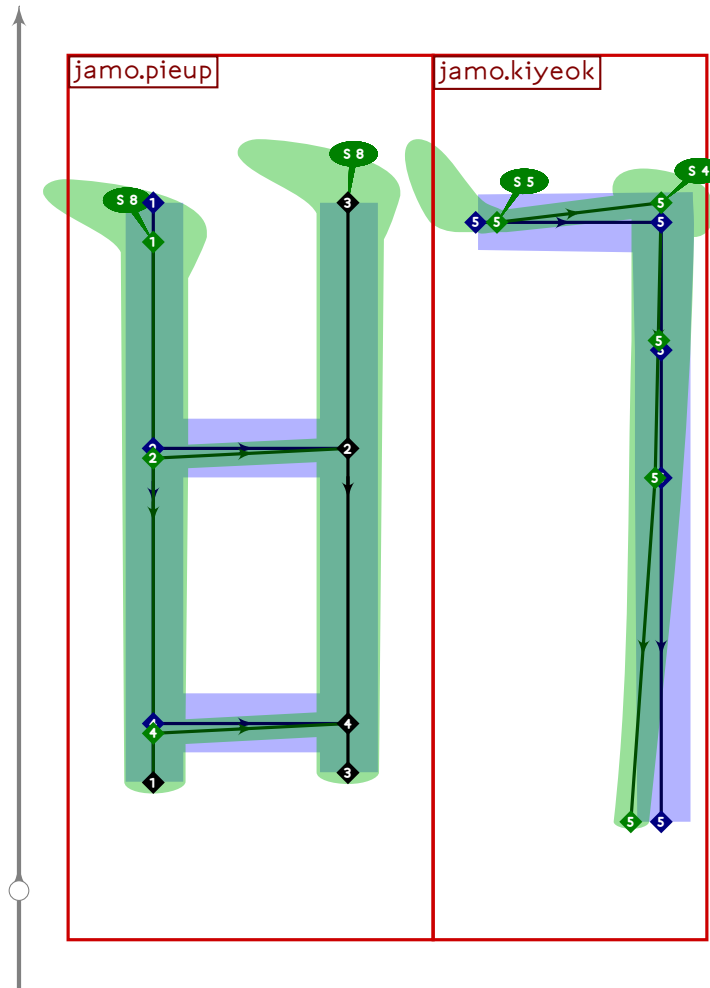
```

U+FF51D  
jieub.uni111D.lj4

FF5



```
231 % hangul lead kapyeounmieum
232 begintsuglyph("uni111D.lj4";29);
233   hangul.combine.tb(106,521)(whatever,
234     hxf((200,850),(800,-50)) transformed lixf,loxf);
235   tsu_render;
236 endtsuglyph;
237
```



FF5

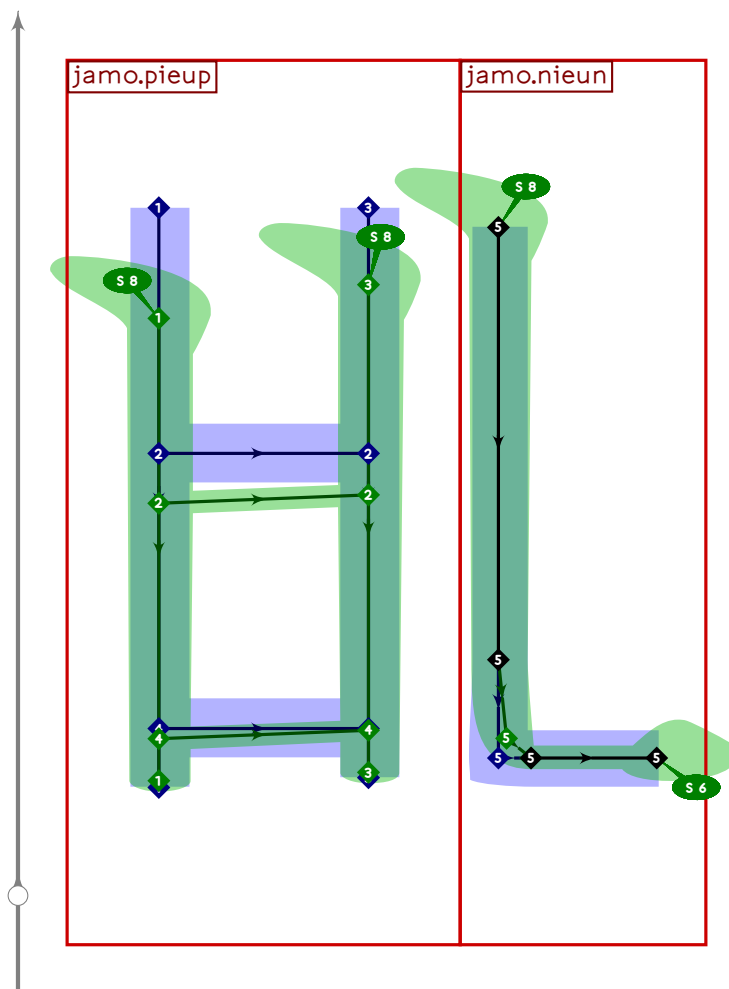
```

238 % hangul lead pieup-kiyeok
239 begintsuglyph("uni111E.lj4";30);
240 hangul.combine.lr(107,100)(whatever,lixf,loxf);
241 tsu_render;
242 endsuglyph;
243

```

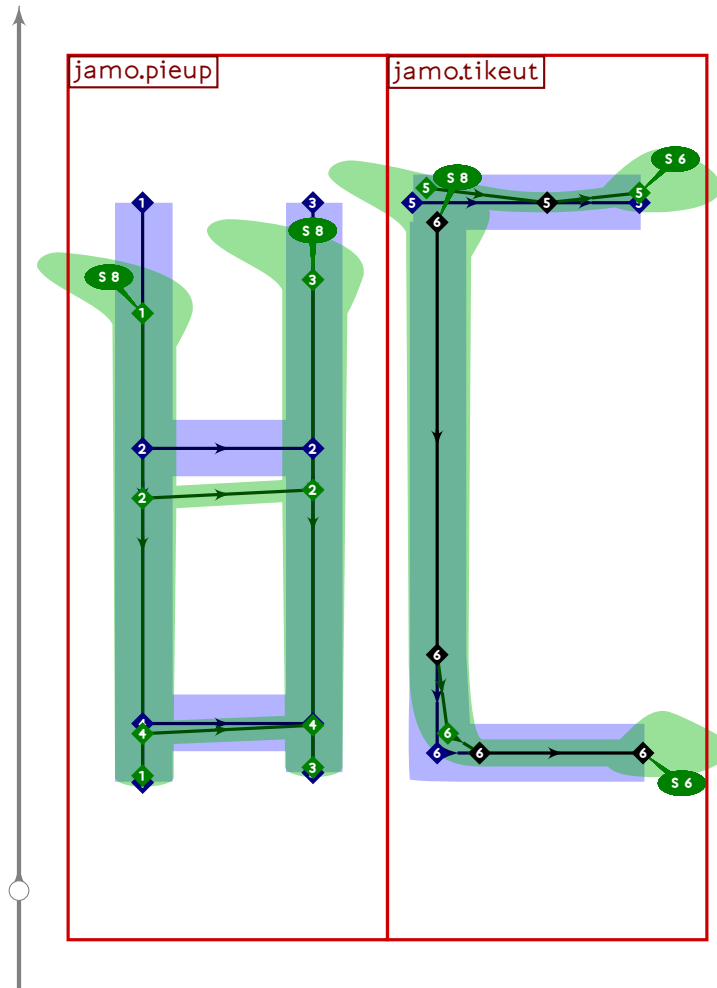
U+FF51F  
jieub.uni111F.lj4

FF5



```
244 % hangul lead pieup-nieun
245 begintsuglyph("uni111F.lj4";31);
246 hangul.combine.lr(207,102)(whatever,lixf,loxf);
247 tsu_render;
248 endtsuglyph;
249
```





FF5

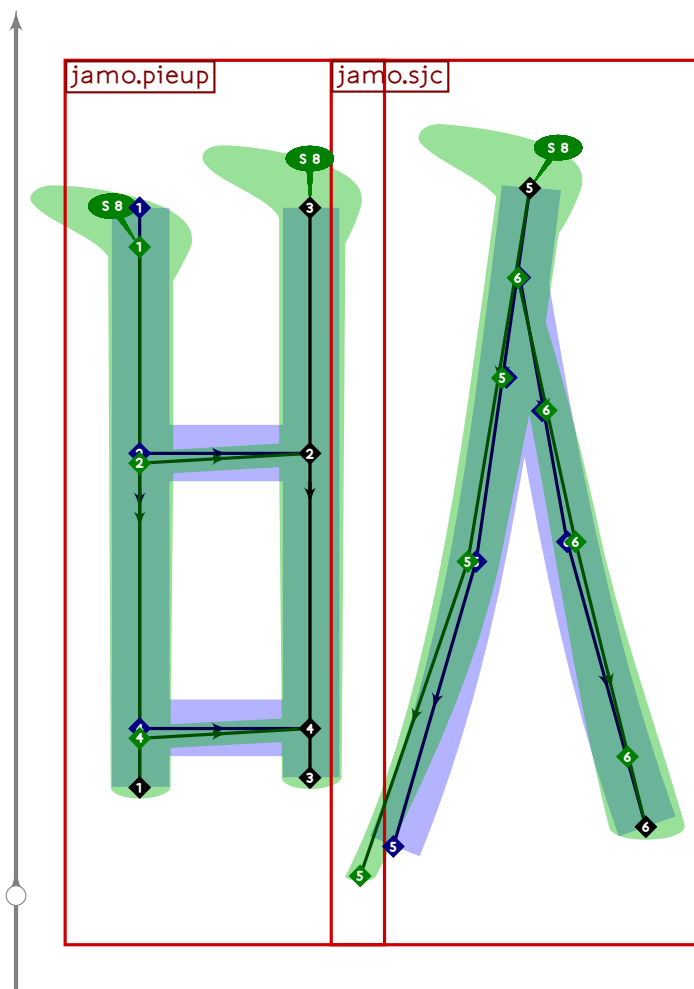
```

250 % hangul lead pieup-tikeut
251 begintsuglyph("uni1120.lj4",32);
252   hangul.combine.lr(207,103)(whatever,lixf,loxf);
253   tsu_render;
254 endsuglyph;
255

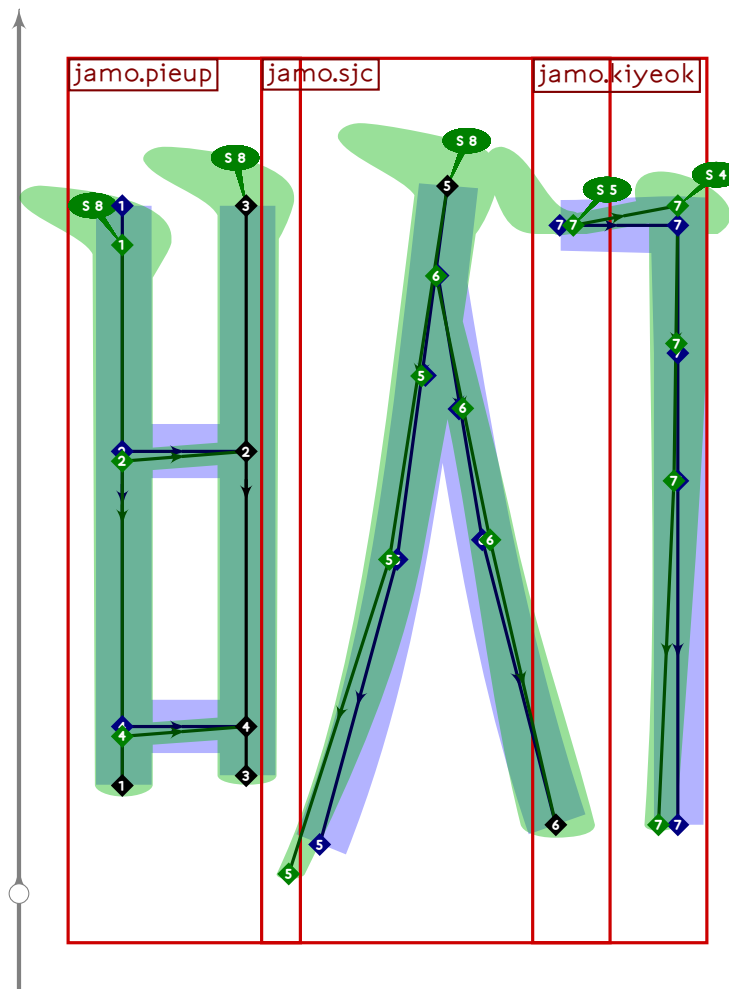
```

U+FF521  
jieub.uni1121.lj4

FF5



```
256 % hangul lead pieup-sios
257 begintsuglyph("uni1121.lj4";33);
258 hangul.combine.lr(107,109)(whatever,lixf,loxf);
259 tsu_render;
260 endtsuglyph;
261
```



FF5

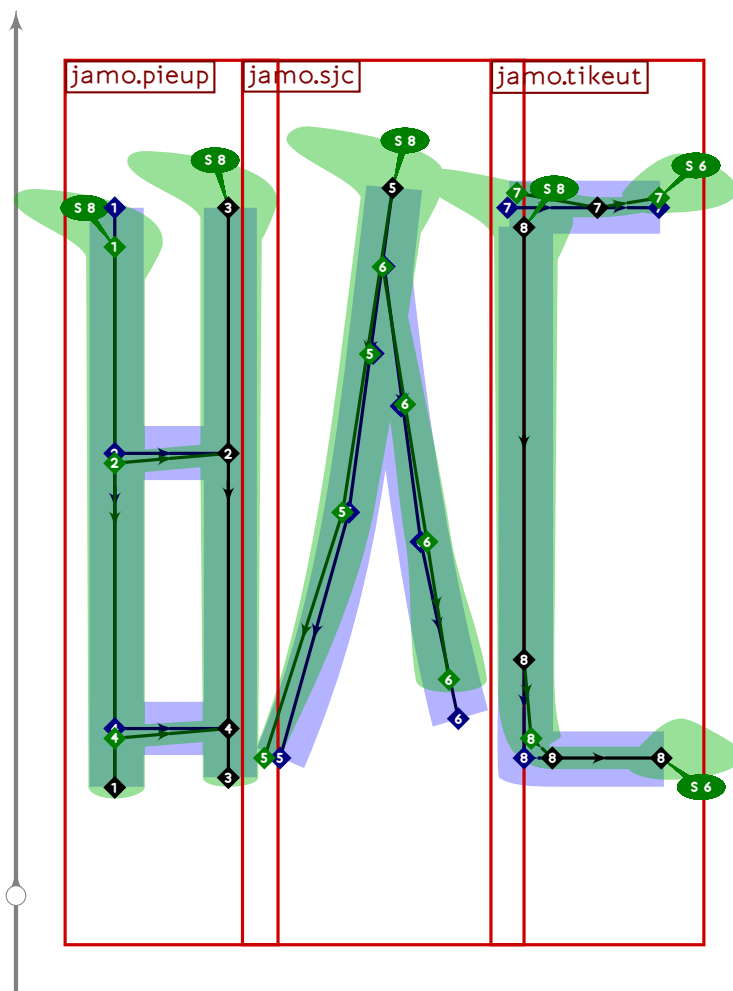
```

262 % hangul lead pieup-sios-kiyeok
263 beginsuglyph("uni1122.lj4",34);
264 hangul.combine.lcr(107,109,100)(whatever,lixf,loxf);
265 tsu_render;
266 endsuglyph;
267

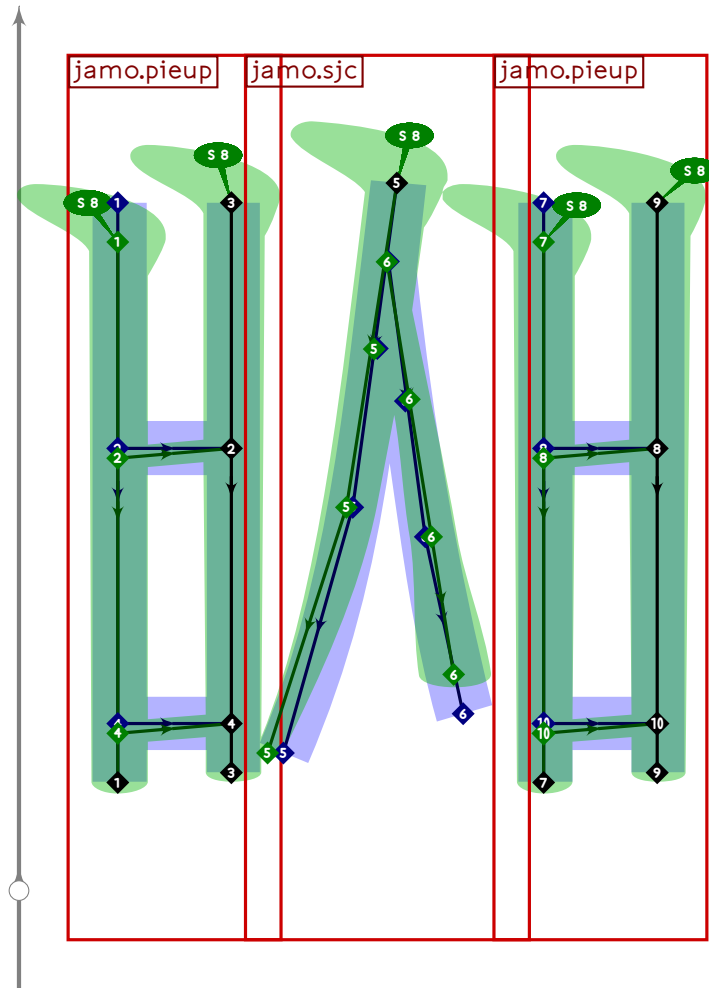
```

U+FF523  
jieub.uni1123.lj4

FF5



```
268 % hangul lead pieup-sios-tikeut
269 begintsuglyph("uni1123.lj4";35);
270 hangul.combine.lcr(107,209;103)(whatever,lixf,loxf);
271 tsu_render;
272 endtsuglyph;
273
```



FF5

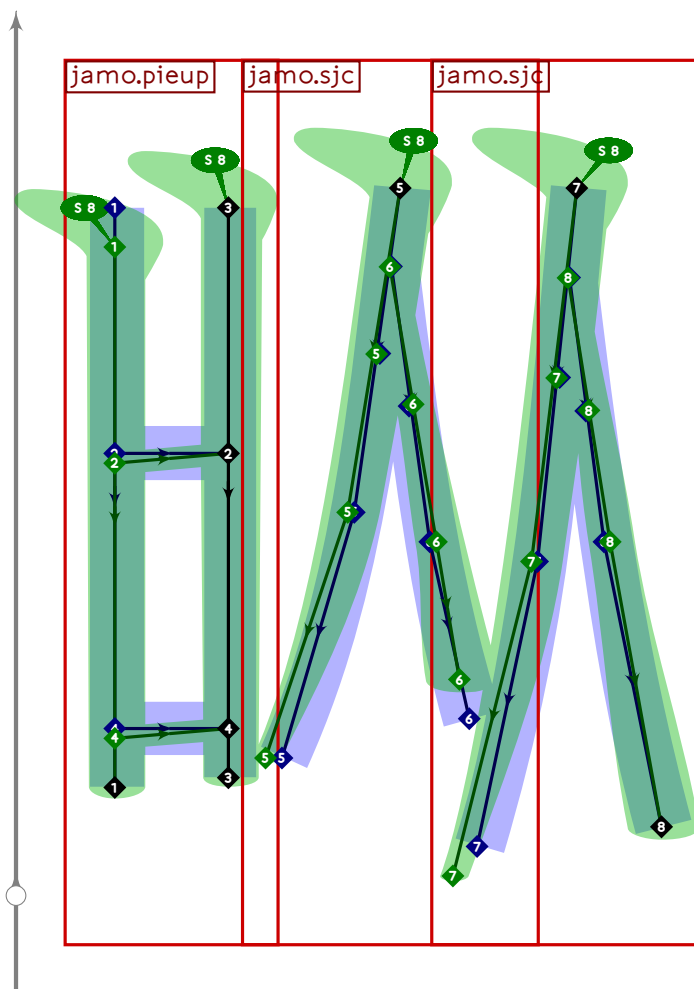
```

274 % hangul lead pieup-sios-pieup
275 begintsuglyph("uni1124.lj4";36);
276 hangul.combine.lcr(107,209;107)(whatever,lixf,loxf);
277 tsu_render;
278 endtsuglyph;
279

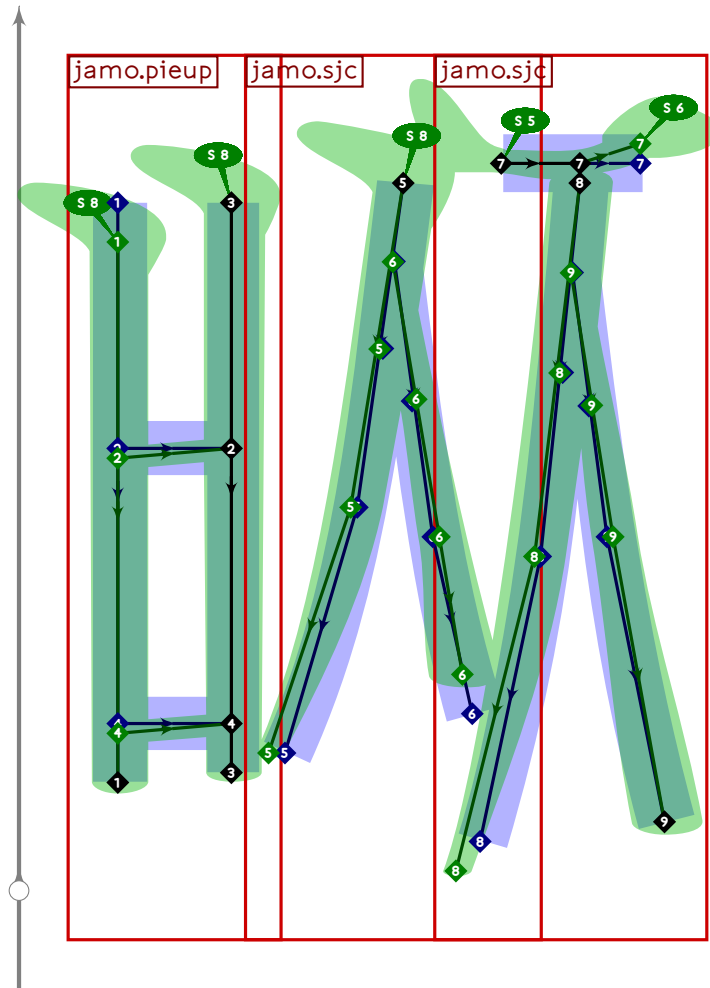
```

U+FF525  
jieub.uni1125.lj4

FF5



```
280 % hangul lead pieup-ssangsios
281 begintsuglyph("uni1125.lj4";37);
282 hangul.combine.lcr(107,209;109)(whatever,lixf,loxf);
283 tsu_render;
284 endtsuglyph;
285
```



FF5

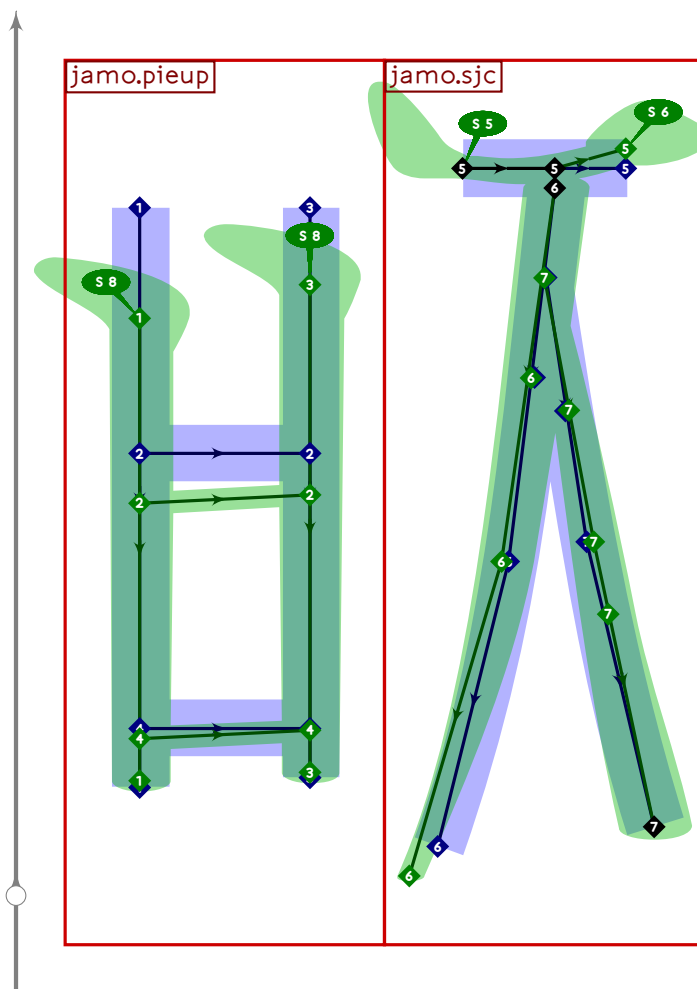
```

286 % hangul lead pieup-sios-cieuc
287 begintsuglyph("uni1126.lj4";38);
288 hangul.combine.lcr(107,209;112)(whatever,lixf,loxf);
289 tsu_render;
290 endtsuglyph;
291

```

U+FF527  
jieub.uni1127.lj4

FF5

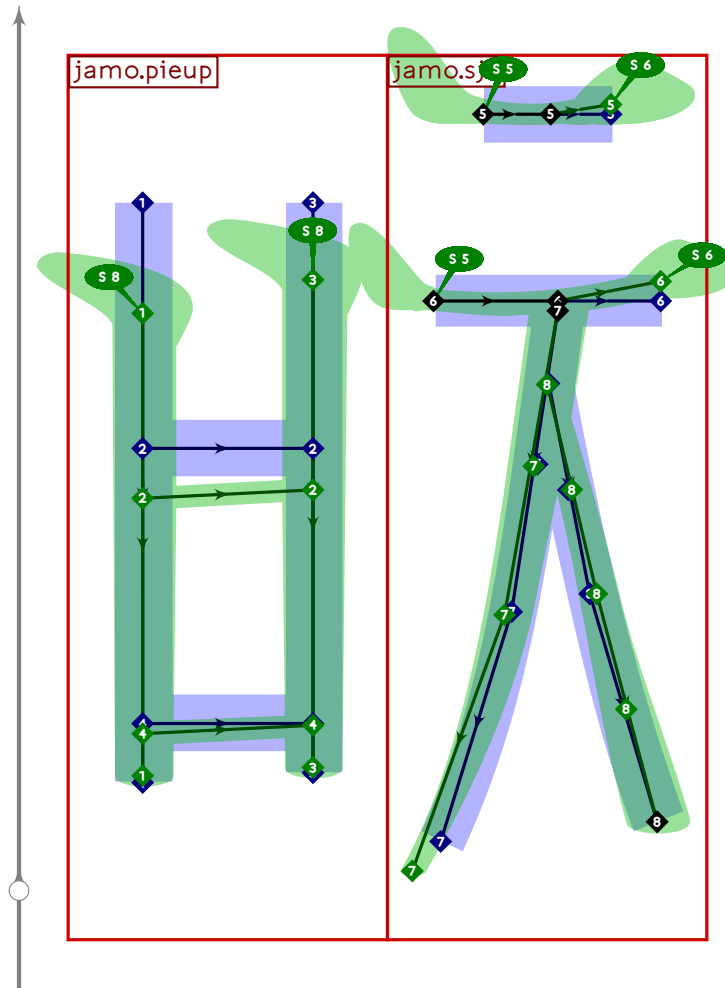


```

292 % hangul lead pieup-cieuc
293 begintsuglyph("uni1127.lj4";39);
294 hangul.combine.lr(207,112)(whatever,lixf,loxf);
295 tsu_render;
296 endsuglyph;
297

```





```

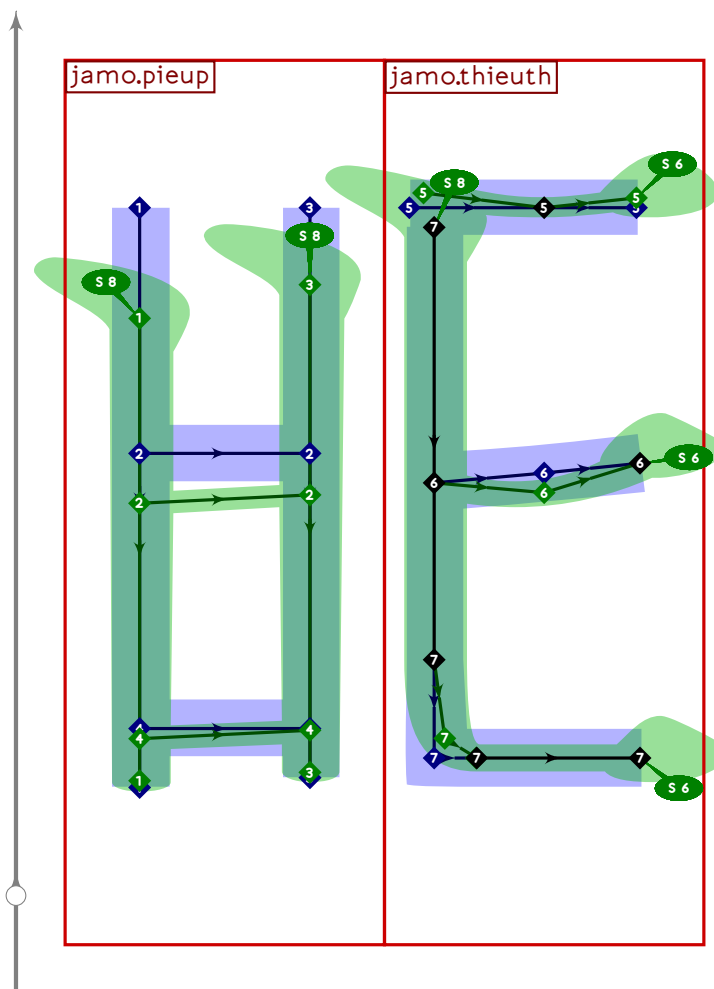
298 % hangul lead pieup-chieuch
299 begintsuglyph("uni1128.lj4";40);
300 hangul.combine.lr(207,114)(whatever,lixf,loxf);
301 tsu_render;
302 endtsuglyph;
303

```

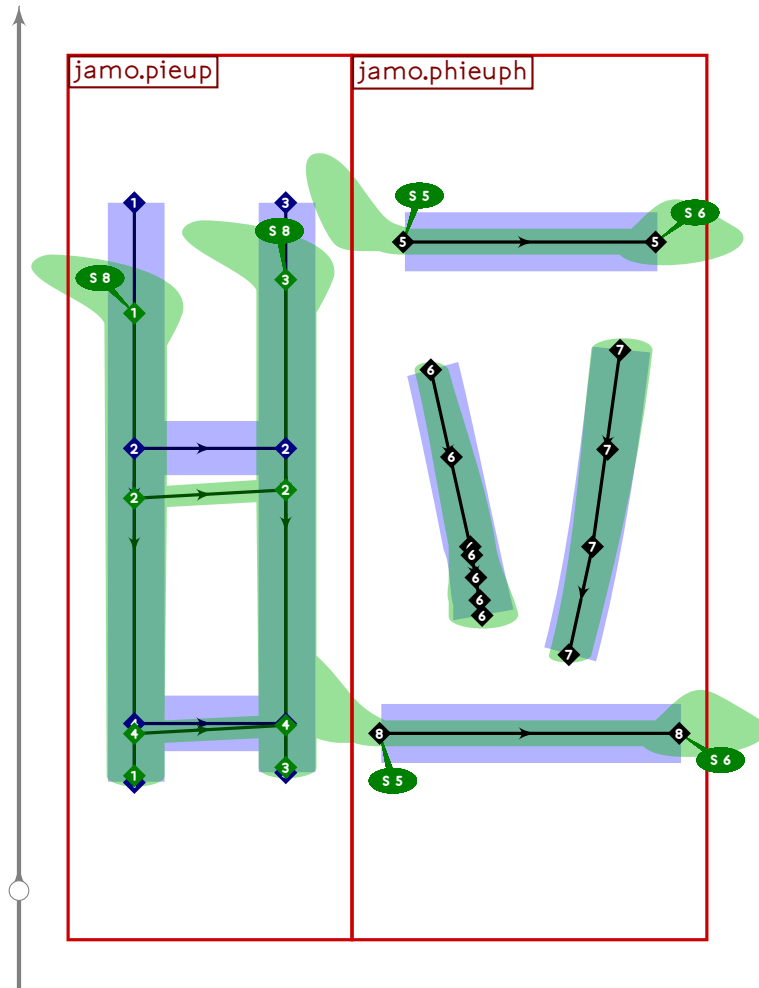
FF5

U+FF529  
jieub.uni1129.lj4

FF5



```
304 % hangul lead pieup-thieuth
305 begintsuglyph("uni1129.lj4";41);
306 hangul.combine.lr(207,116)(whatever,lixf,loxf);
307 tsu_render;
308 endsuglyph;
309
```



FF5

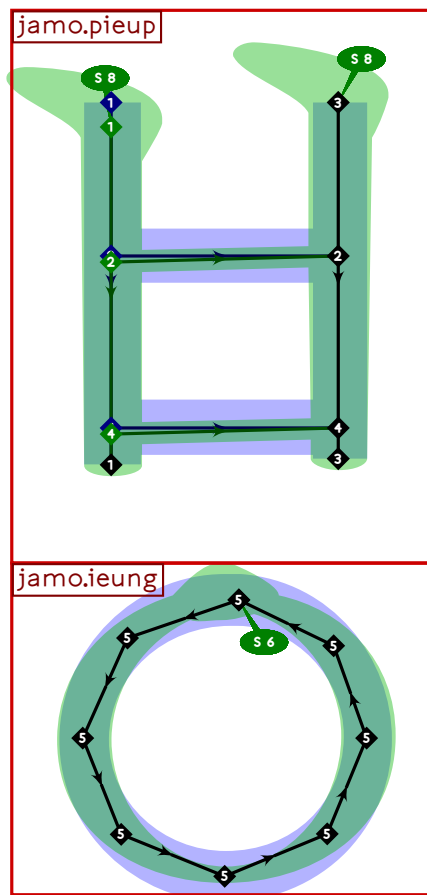
```

310 % hangul lead pieup-phieup
311 begintsuglyph("uni112A.lj4";42);
312   hangul.combine.lr(207,117)(whatever,lixf,loxf);
313   tsu_render;
314 endsuglyph;
315

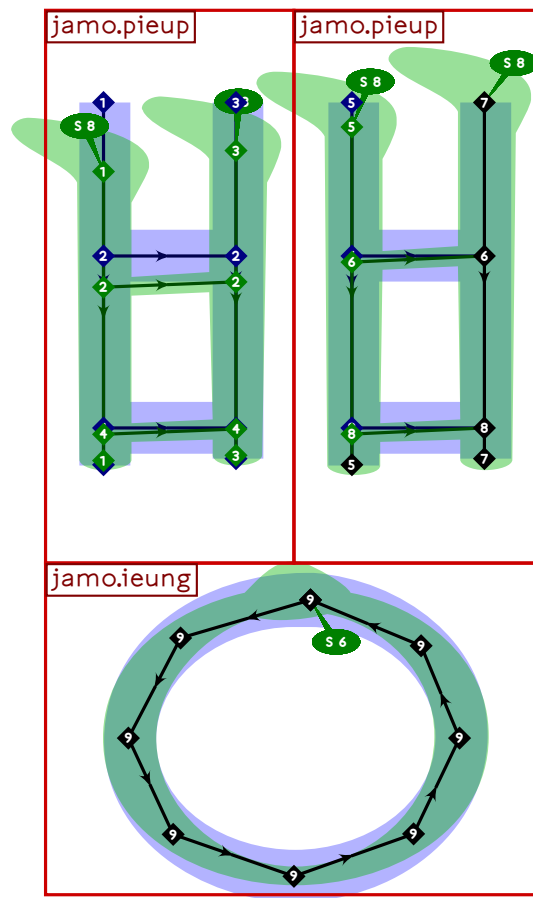
```

U+FF52B  
jieub.uni112B.lj4

FF5



```
316 % hangul lead kapyeounpieup
317 begintsuglyph("uni112B.lj4";43);
318   hangul.combine.tb(107,521)(whatever,
319     hxf((200,850),(800,-50)) transformed lixf,loxf);
320   tsu_render;
321 endtsuglyph;
322
```



FF5

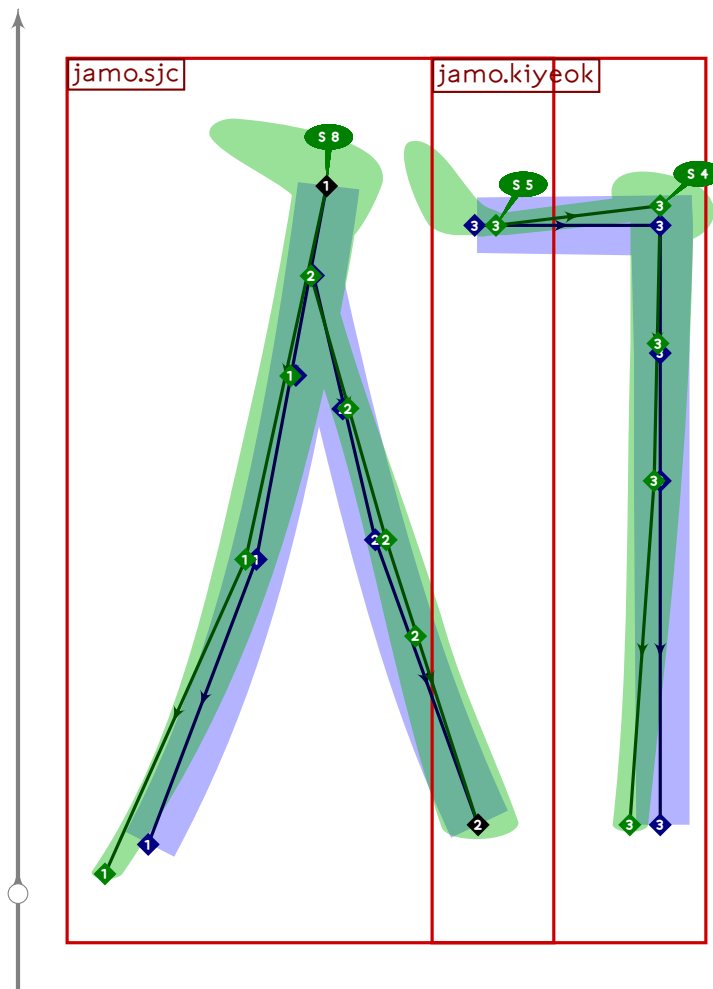
```

323 % hangul lead kapyeounssangpieup
324 begintsuglyph("uni112C.lj4";44);
325   hangul.combine.tb(108,521)(whatever,
326     hxf((150,850),(850,-50)) transformed lixf,loxf);
327   tsu_render;
328 endtsuglyph;
329

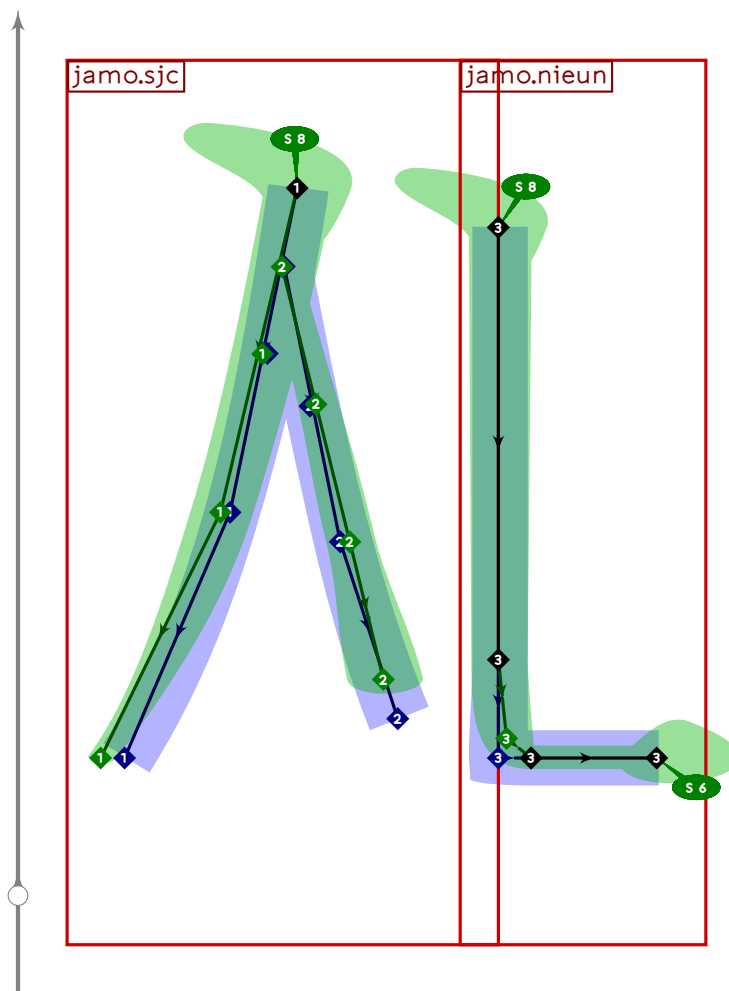
```

U+FF52D  
jieub.uni112D.lj4

FF5



```
330 % hangul lead sios-kiyeok
331 begintsuglyph("uni112D.lj4";45);
332   hangul.combine.lr(109;100)(whatever,lixf,loxf);
333   tsu_render;
334 endsuglyph;
335
```



FF5

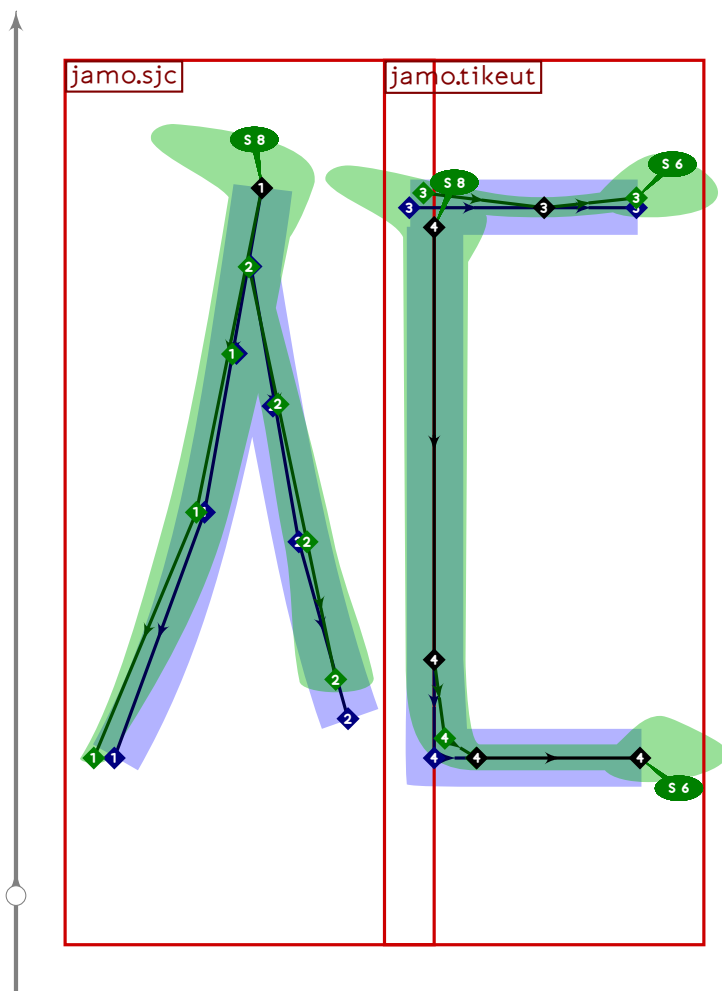
```

336 % hangul lead sios-nieun
337 begintsuglyph("uni112E.lj4";46);
338 hangul.combine.lr(209,102)(whatever,lixf,loxf);
339 tsu_render;
340 endtsuglyph;
341

```

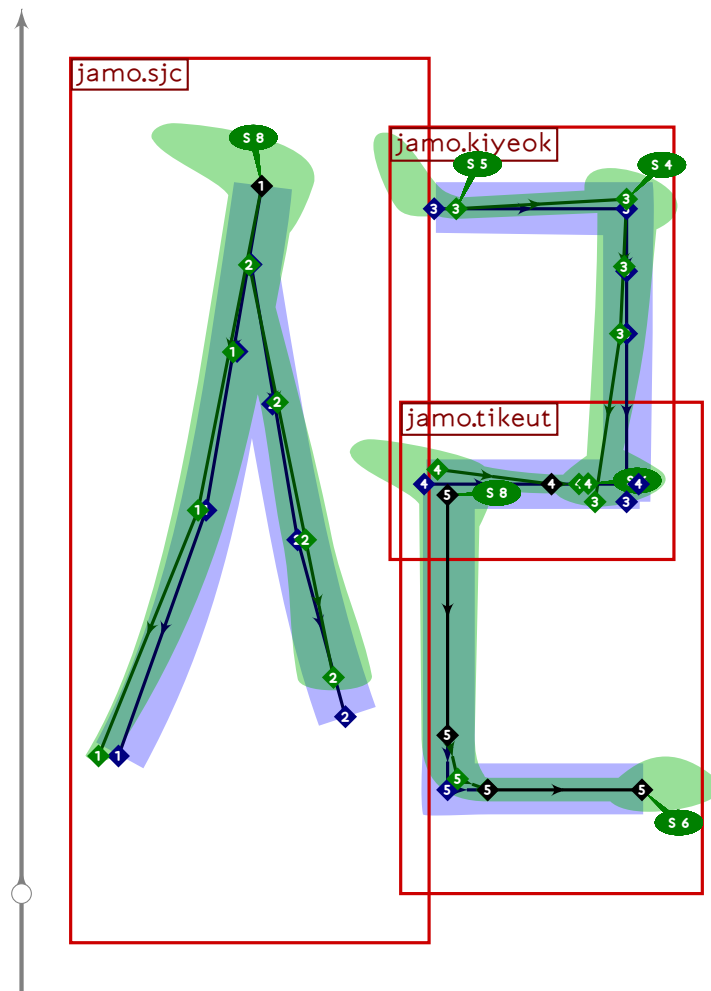
U+FF52F  
jieub.uni112F.lj4

FF5



```
342 % hangul lead sios-tikeut
343 begintsuglyph("uni112F.lj4";47);
344   hangul.combine.lr(209,103)(whatever,lixf,loxf);
345   tsu_render;
346 endtsuglyph;
347
```





FF5

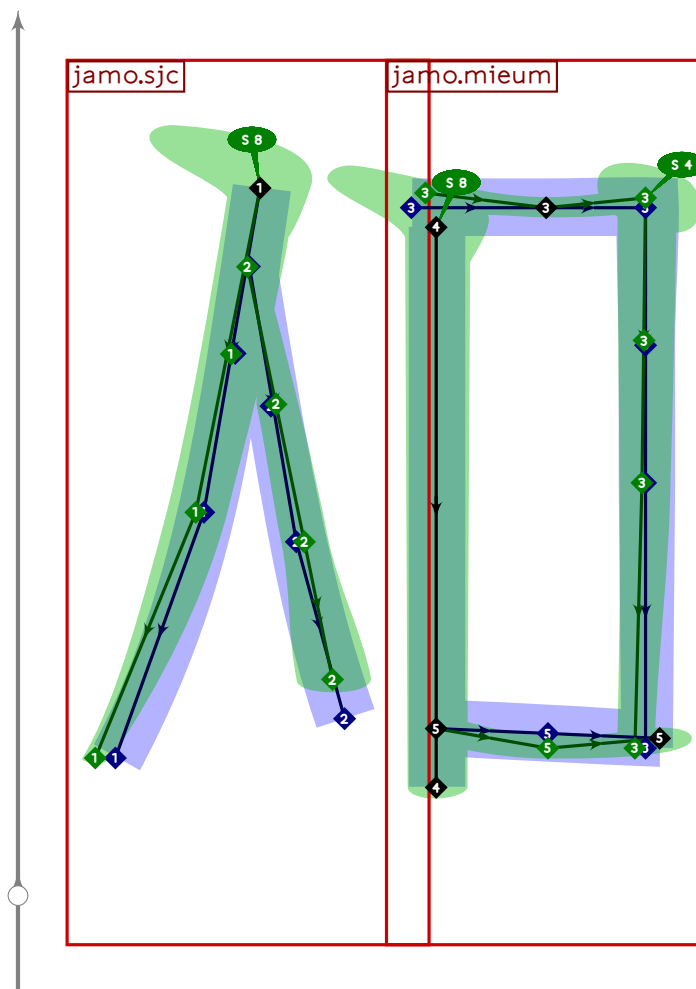
```

348 % hangul lead sios-rieul
349 begintsuglyph("uni1130.lj4";48);
350 hangul.combine.lr(209,105)(whatever,lixf,loxf);
351 tsu_render;
352 endsuglyph;
353

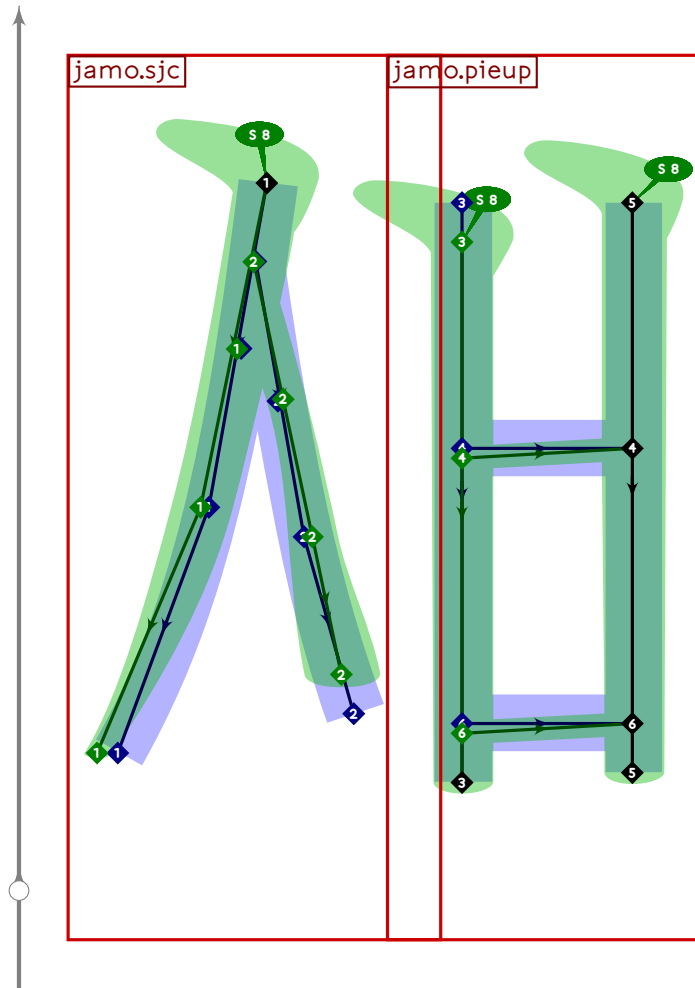
```

U+FF531  
jieub.uni1131.lj4

FF5



```
354 % hangul lead sios-mieum
355 begintsuglyph("uni1131.lj4";49);
356 hangul.combine.lr(209,106)(whatever,lixf,loxf);
357 tsu_render;
358 endtsuglyph;
359
```



FF5

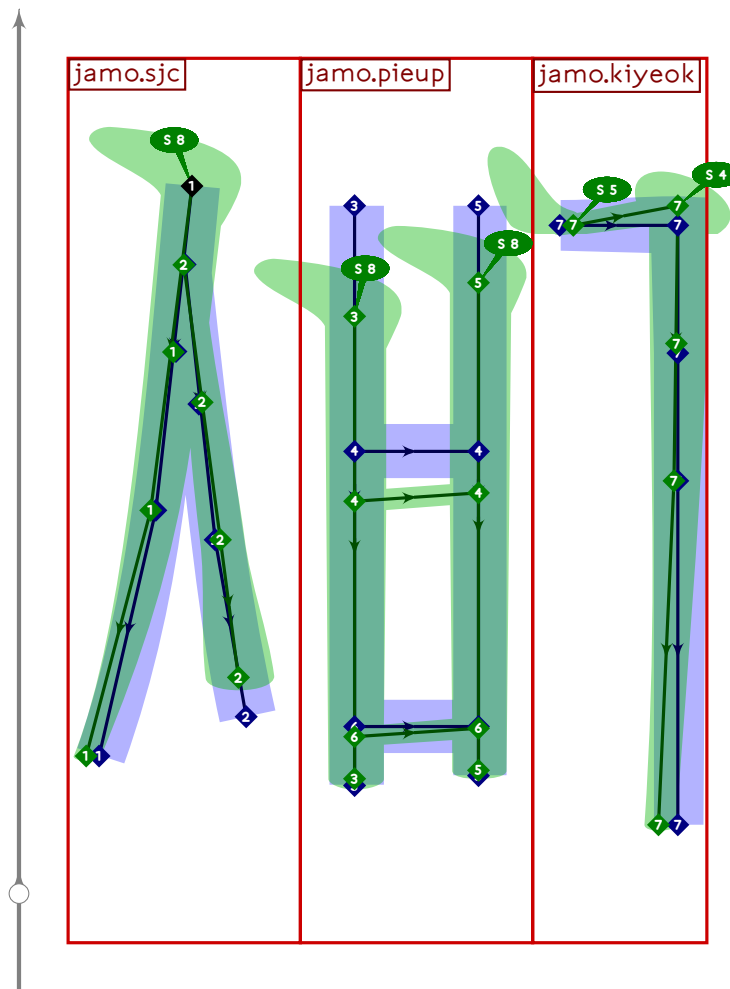
```

360 % hangul lead sios-pieup
361 begintsuglyph("uni1132.lj4";50);
362   hangul.combine.lr(209,107)(whatever,lixf,loxf);
363   tsu_render;
364 endsuglyph;
365

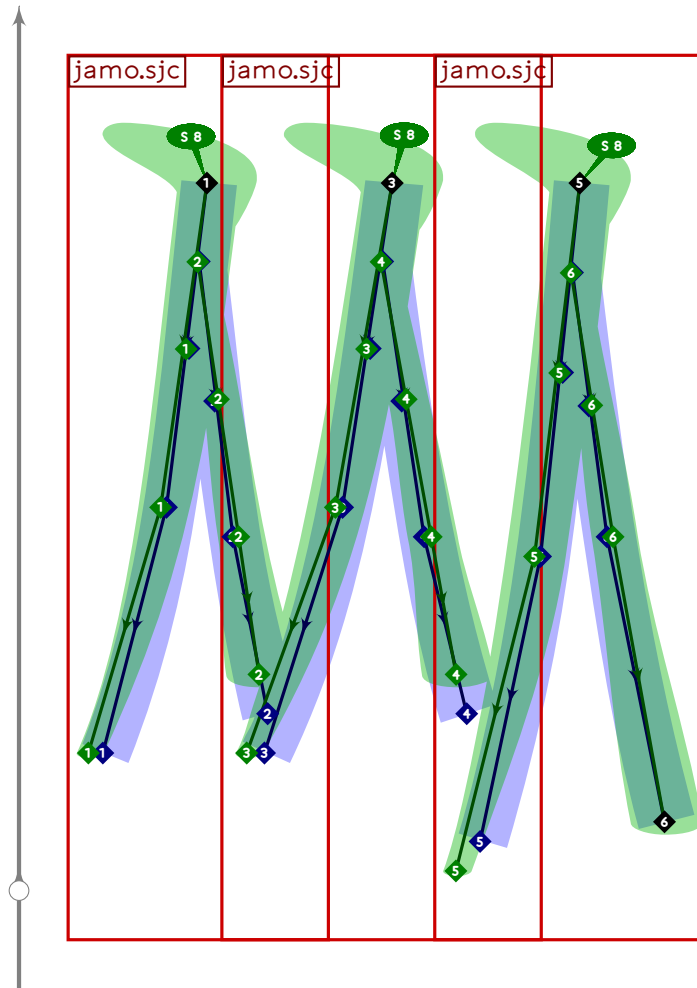
```

U+FF533  
jieub.uni1133.lj4

FF5



```
366 % hangul lead sios-pieup-kiyeok
367 begintsuglyph("uni1133.lj4",51);
368 hangul.combine.lcr(209,207,100)(whatever,lixf,loxf);
369 tsu_render;
370 endsuglyph;
371
```



FF5

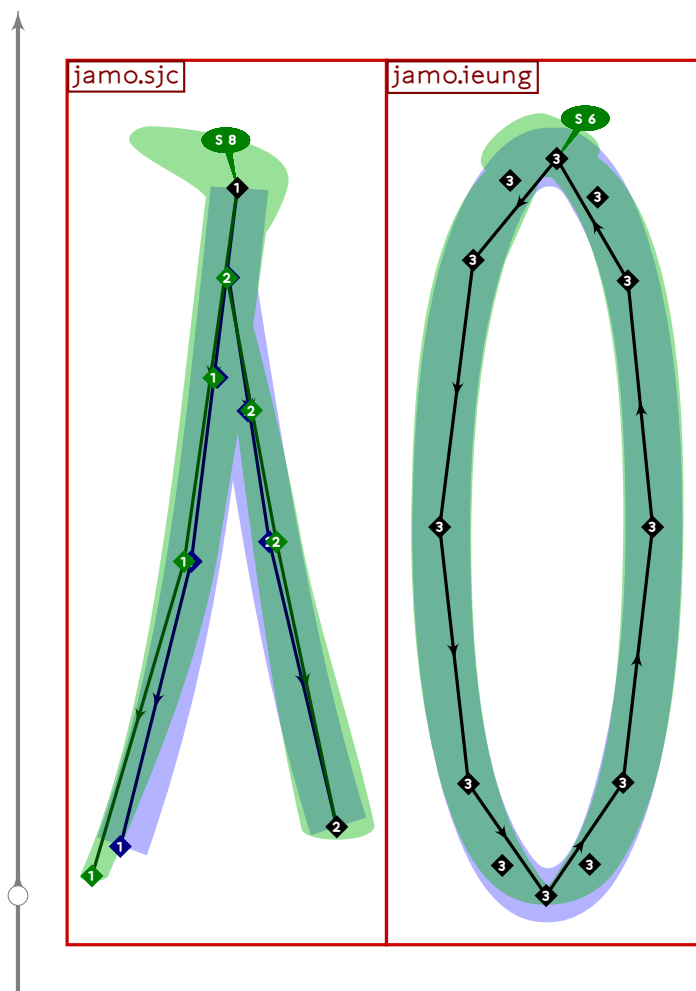
```

372 % hangul lead sios-sios-sios
373 begintsuglyph("uni1134.lj4";52);
374 hangul.combine.lcr(209,209,109)(whatever,lixf,loxf);
375 tsu_render;
376 endtsuglyph;
377

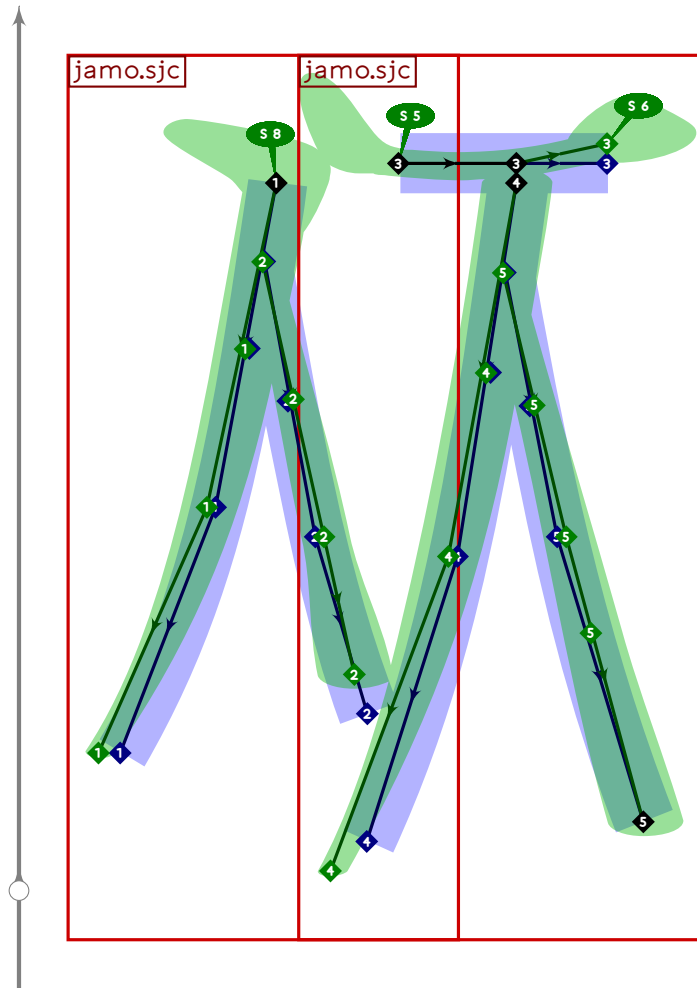
```

U+FF535  
jieub.uni1135.lj4

FF5



```
378 % hangul lead sios-ieung
379 begintsuglyph("uni1135.lj4";53);
380 hangul.combine.lr(109;111)(whatever,lixf,loxf);
381 tsu_render;
382 endtsuglyph;
383
```



FF5

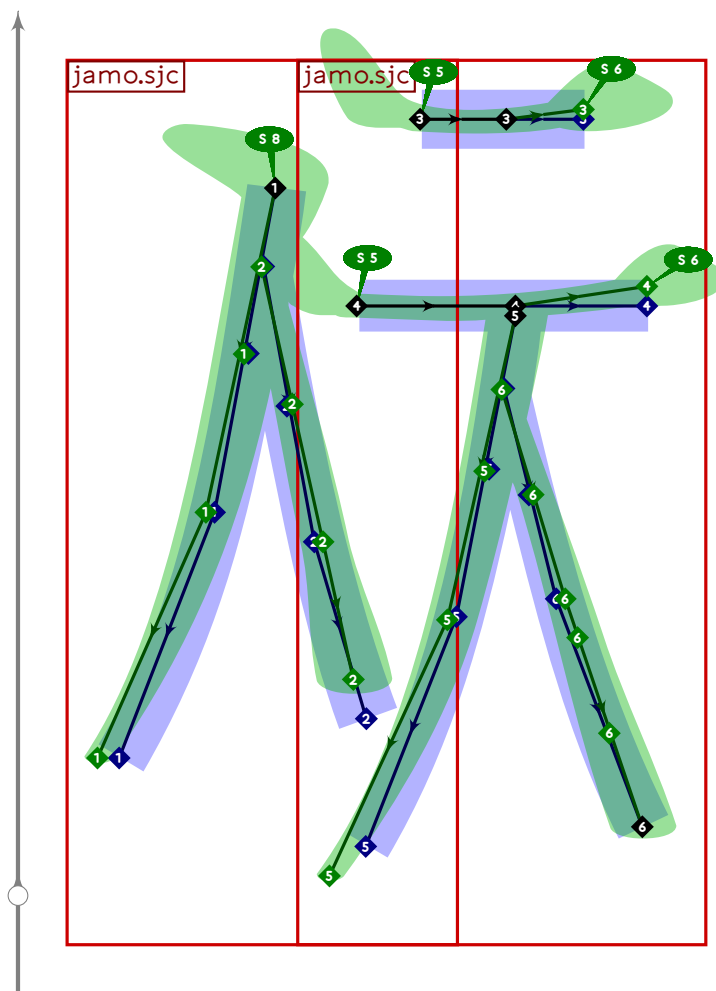
```

384 % hangul lead sios-cieuc
385 begintsuglyph("uni1136.lj4";54);
386 hangul.combine.lr(209,112)(whatever,lixf,loxf);
387 tsu_render;
388 endtsuglyph;
389

```

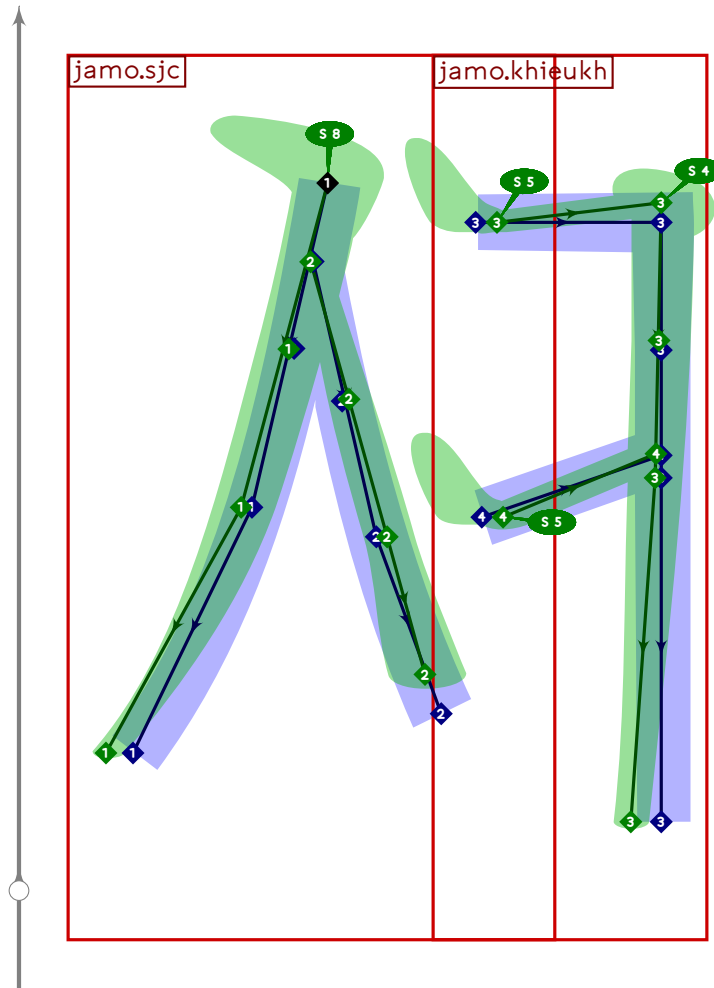
U+FF537  
jieub.uni1137.lj4

FF5



```
390 % hangul lead sios-chieuch
391 begintsuglyph("uni1137.lj4";55);
392 hangul.combine.lr(209,114)(whatever,lixf,loxf);
393 tsu_render;
394 endtsuglyph;
395
```





FF5

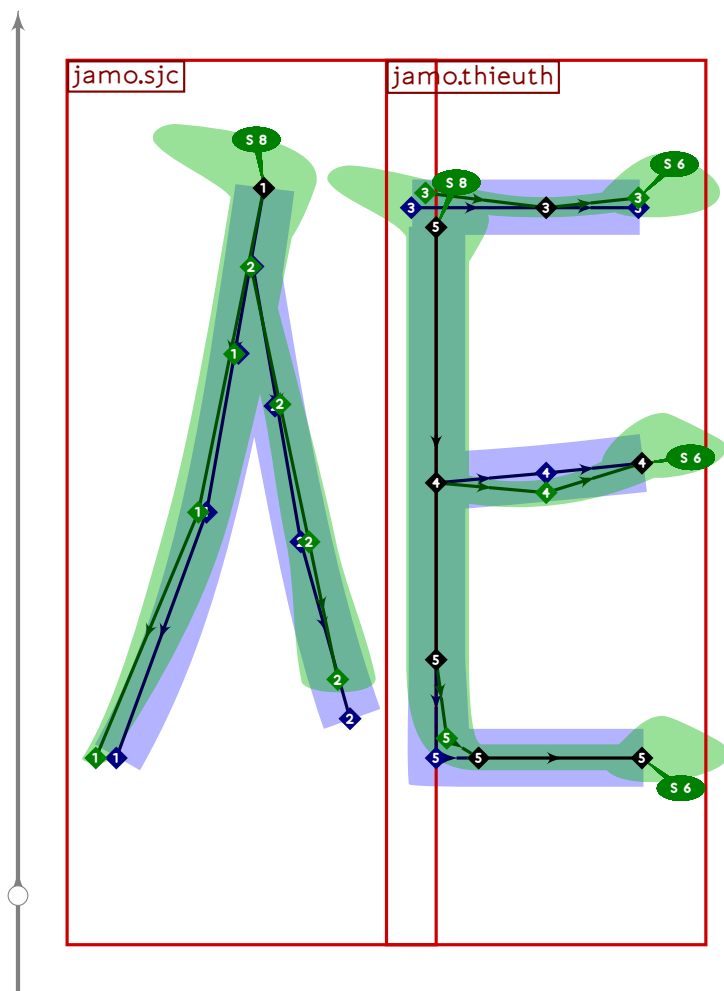
```

396 % hangul lead sios-khieukh
397 begintsuglyph("uni1138.lj4",56);
398 hangul.combine.lr(209,115)(whatever,lixf,loxf);
399 tsu_render;
400 endsuglyph;
401

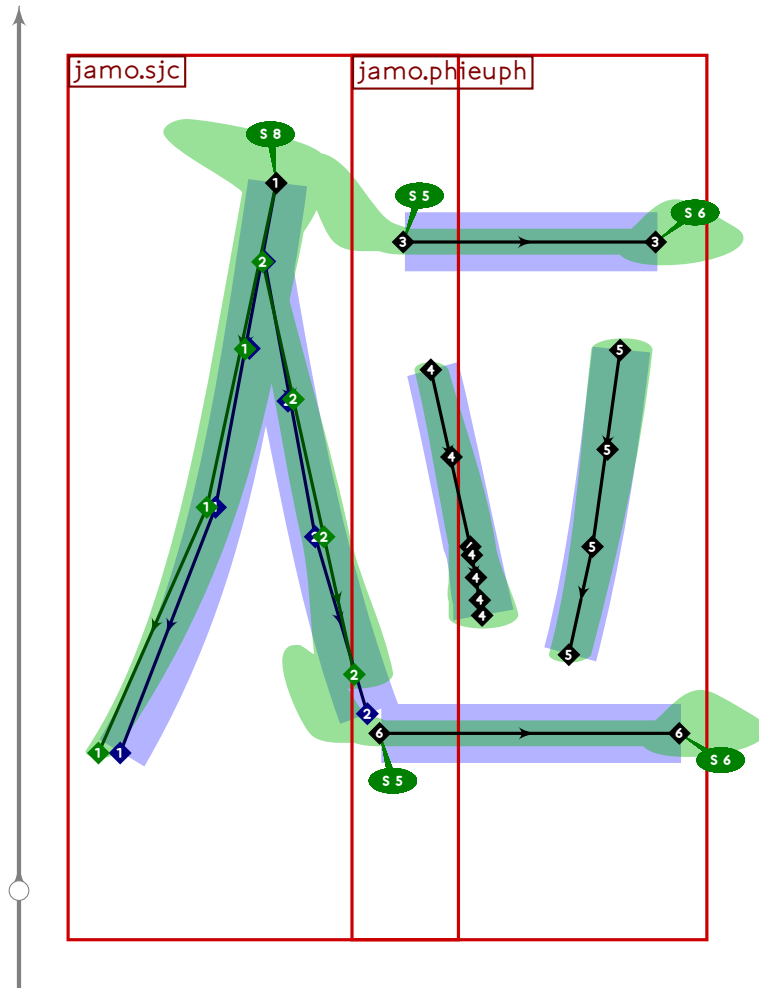
```

U+FF539  
jieub.uni1139.lj4

FF5



```
402 % hangul lead sios-thieuth
403 begintsuglyph("uni1139.lj4";57);
404 hangul.combine.lr(209,116)(whatever,lixf,loxf);
405 tsu_render;
406 endtsuglyph;
407
```



FF5

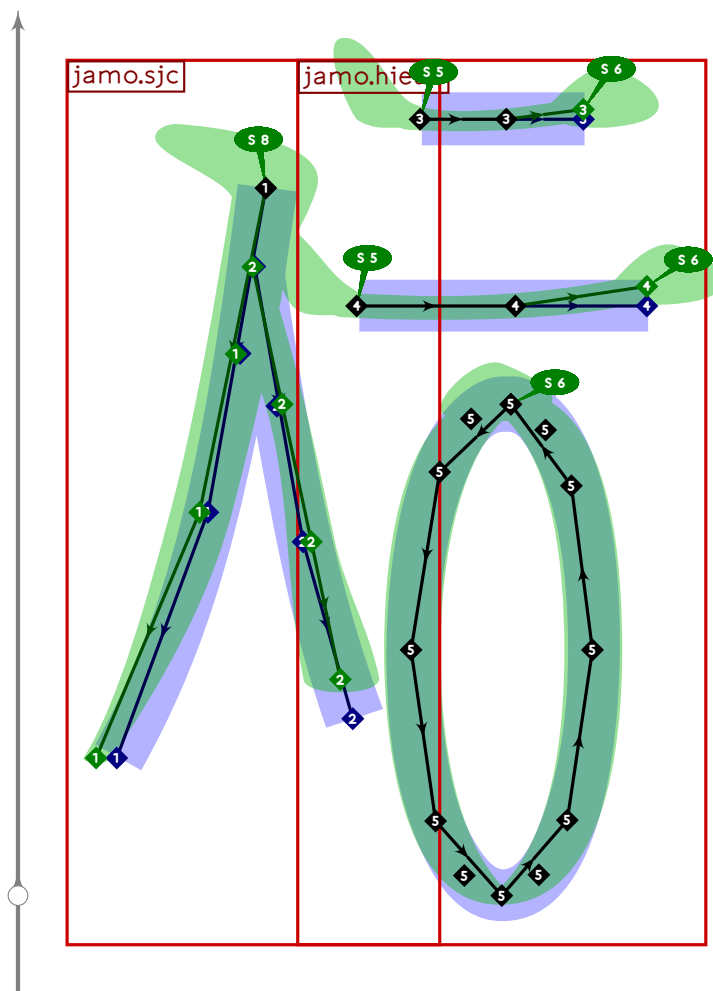
```

408 % hangul lead sios-phieuph
409 begintsuglyph("uni113A.lj4",58);
410 hangul.combine.lr(209,117)(whatever,lixf,loxf);
411 tsu_render;
412 endtsuglyph;
413

```

U+FF53B  
jieub.uni113B.lj4

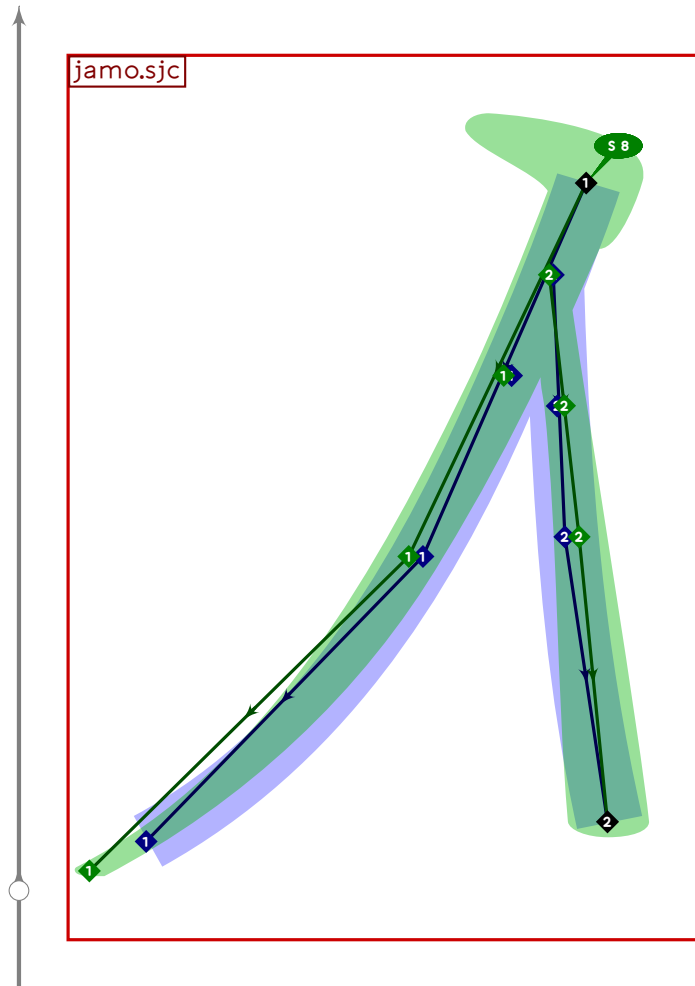
FF5



```

414 % hangul lead sios-hieuh
415 begintsuglyph("uni113B.lj4",59);
416 hangul.combine.lr(209,118)(whatever,lixf,loxf);
417 tsu_render;
418 endtsuglyph;
419

```



FF5

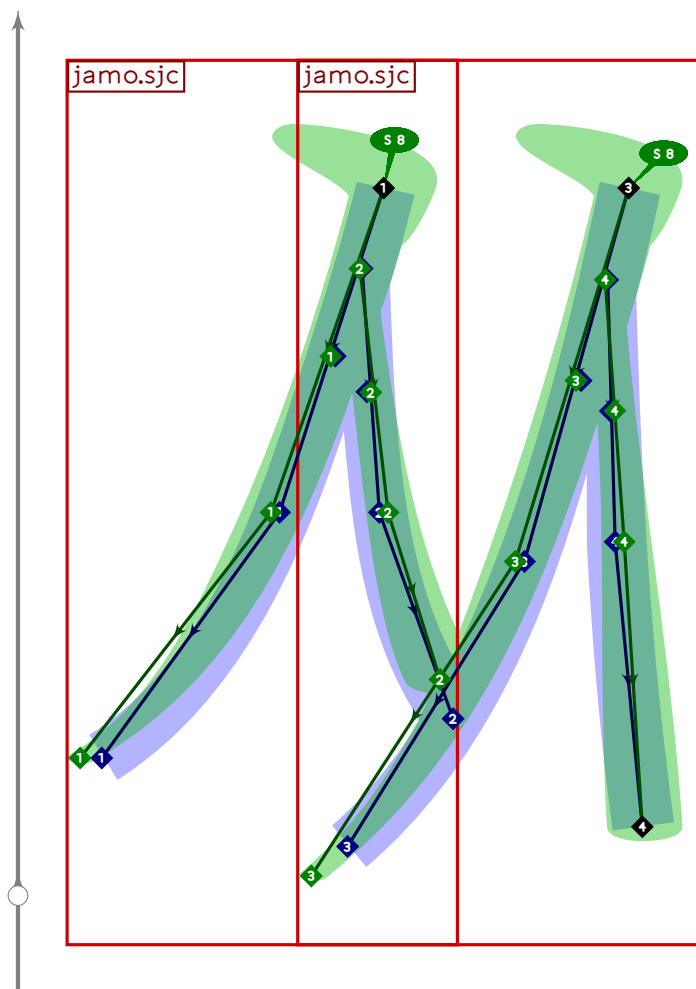
```

420 % hangul lead chitueumsios
421 begintsuglyph("uni113C.lj4",60);
422   hangul.jamo.sjc(0,1,false)(whatever,lixf,loxf);
423   tsu_render;
424 endsuglyph;
425

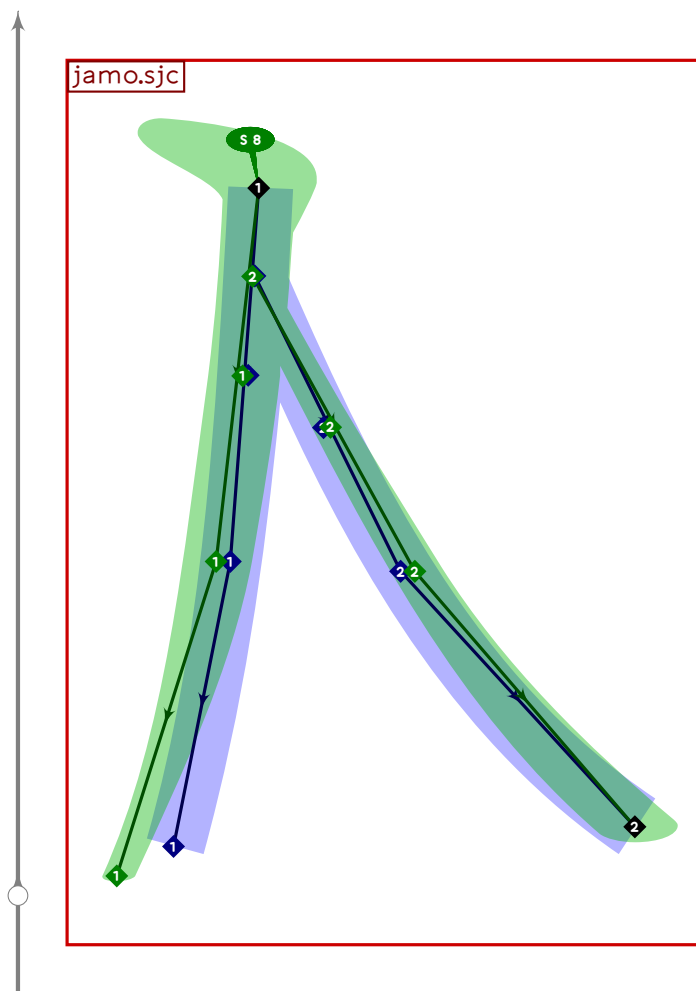
```

U+FF53D  
jieub.uni113D.lj4

FF5



```
426 % hangul lead chitueumssangsios
427 begintsuglyph("uni113D.lj4",61);
428   hangul.combine.lr(223,222)(whatever,lixf,loxf);
429   tsu_render;
430 endtsuglyph;
431
```

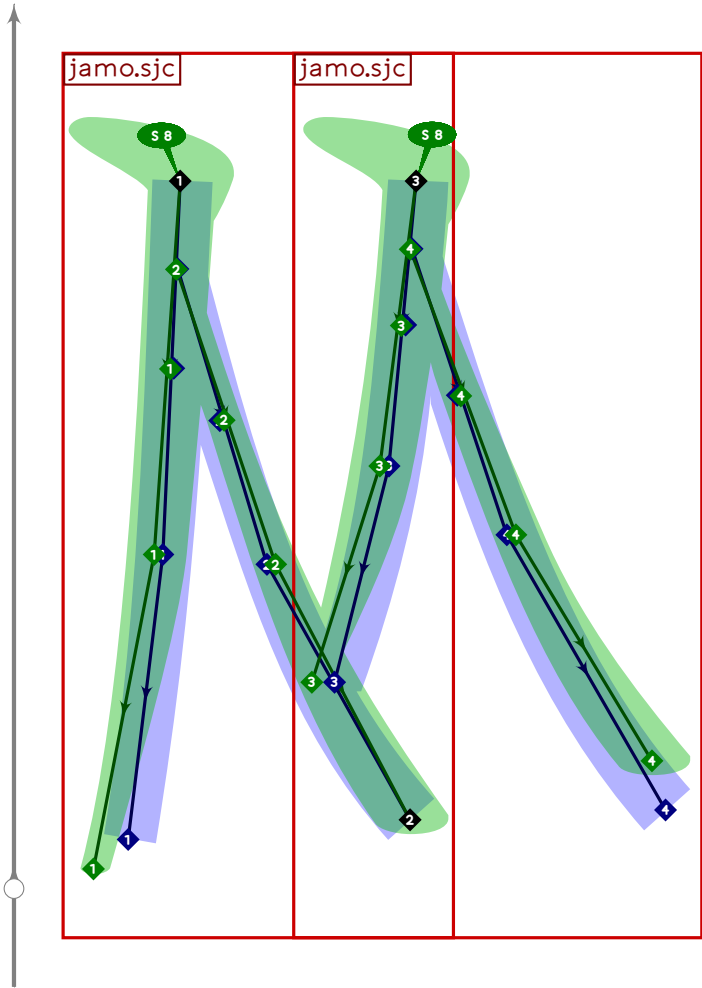


FF5

```
432 % hangul lead ceongchieumsios
433 begintsuglyph("uni113E.lj4",62);
434 hangul.jamo.sjc(0,-1,false)(whatever,lixf,loxf);
435 tsu_render;
436 endsuglyph;
437
```

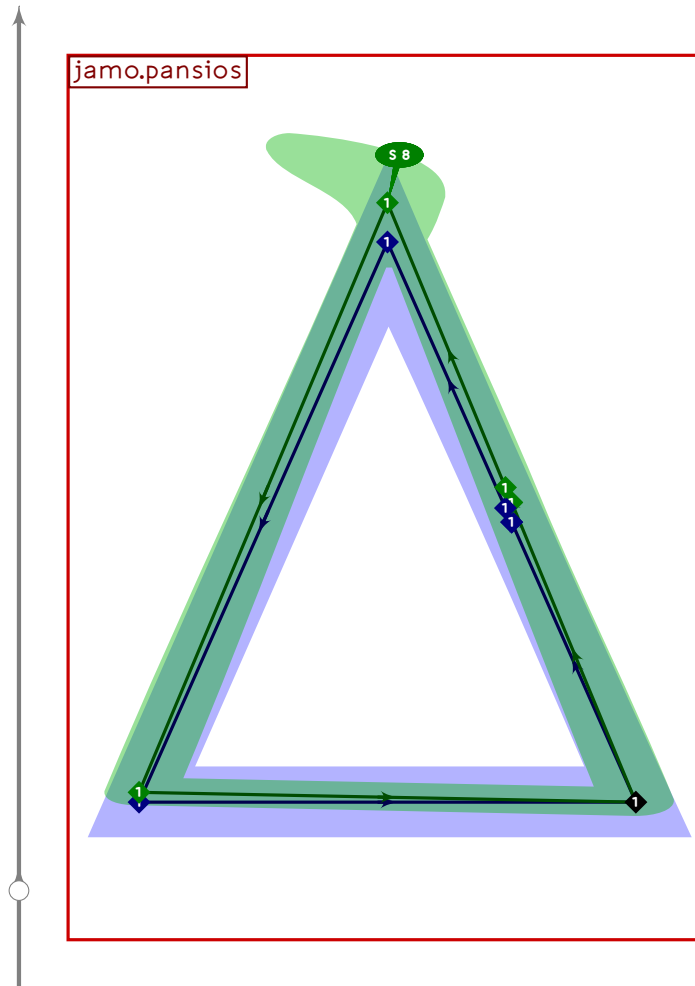
U+FF53F  
jieub.uni113Flj4

FF5



```
438 % hangul lead ceongchieumssangsios
439 begintsuglyph("uni113Flj4";63);
440 hangul.combine.lr(224,225)(whatever,lixf,loxf);
441 tsu_render;
442 endtsuglyph;
443
```



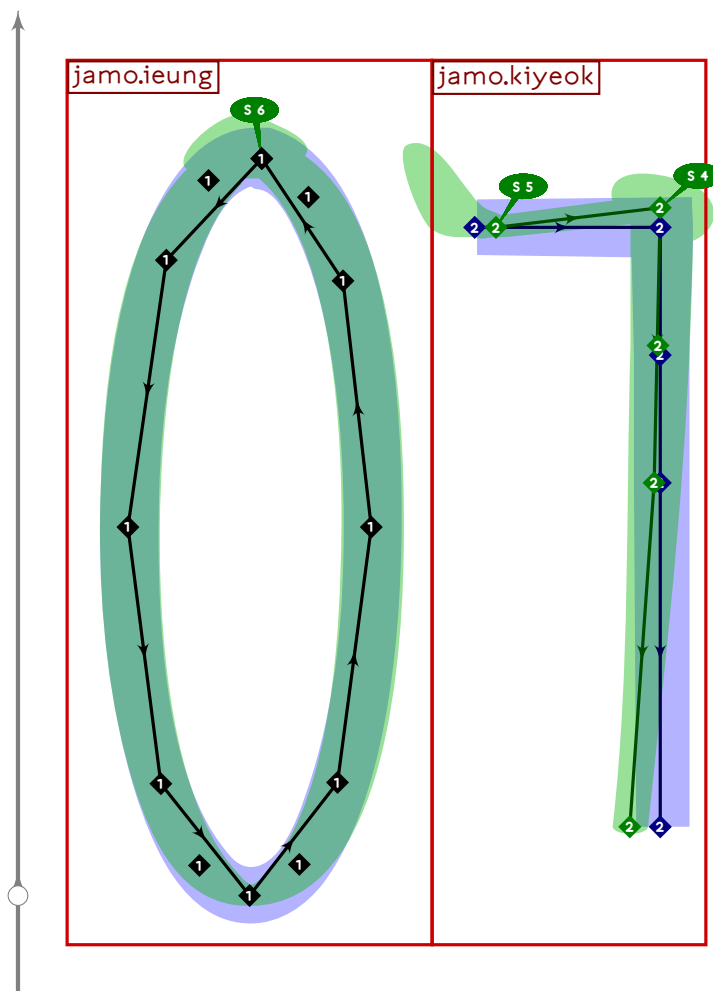


FF5

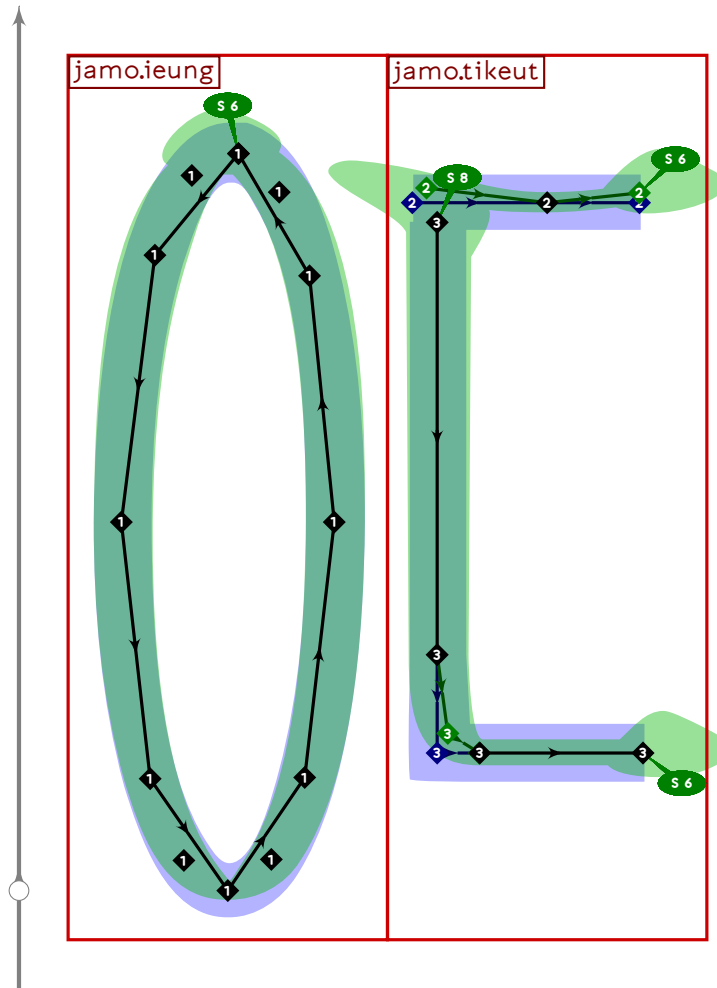
```
444 % hangul lead pansios
445 beginsuglyph("uni1140.lj4",64);
446   hangul.jamo.pansios(whatever,lixf,loxf);
447   tsu_render;
448 endsuglyph;
449
```

U+FF541  
jieub.uni1141.lj4

FF5



```
450 % hangul lead ieung-kiyeok
451 begint Suglyph("uni1141.lj4";65);
452   hangul.combine.lr(111,100)(whatever,lixf,loxf);
453   tsu_render;
454 endtsuglyph;
455
```



FF5

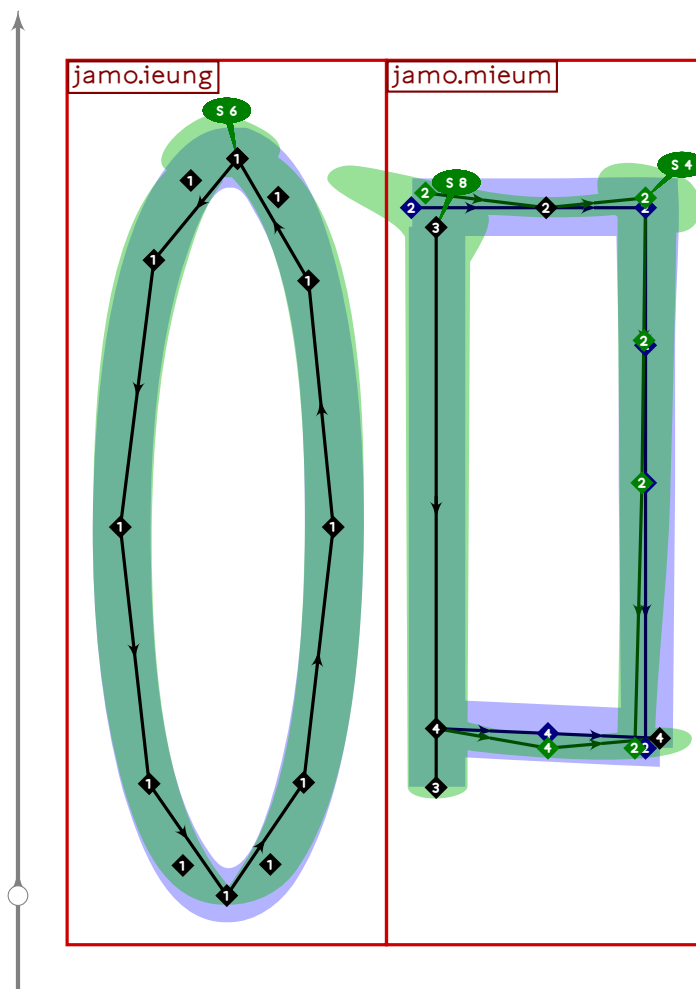
```

456 % hangul lead ieung-tikeut
457 begintsuglyph("uni1142.lj4",66);
458 hangul.combine.lr(111,103)(whatever,lixf,loxf);
459 tsu_render;
460 endsuglyph;
461

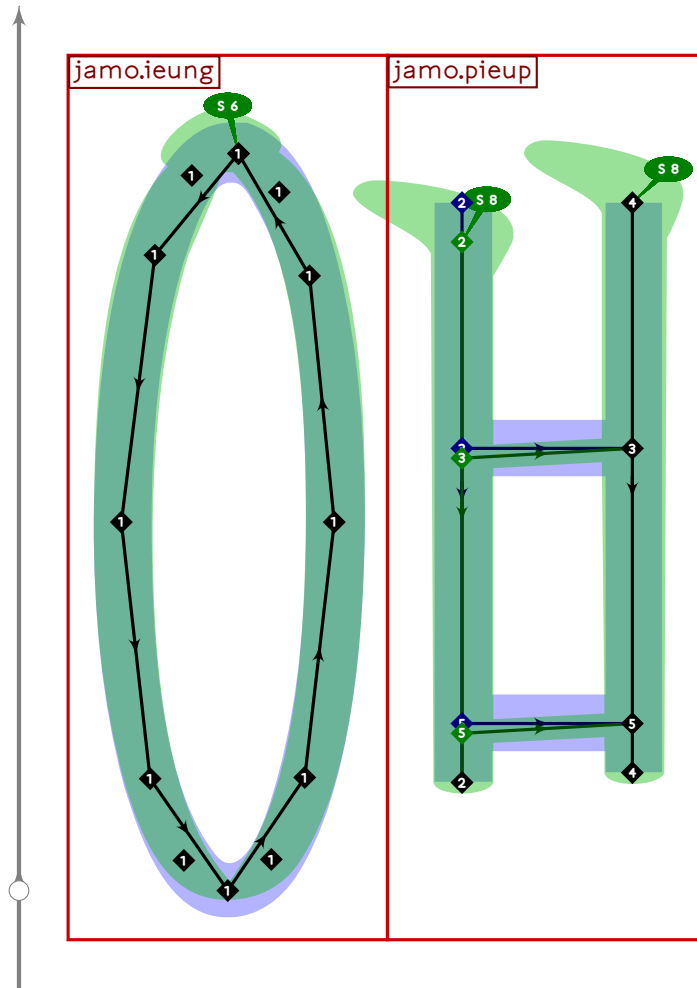
```

U+FF543  
jieub.uni1143.lj4

FF5



```
462 % hangul lead ieung-mieum
463 begintsuglyph("uni1143.lj4",67);
464 hangul.combine.lr(111,106)(whatever,lixf,loxf);
465 tsu_render;
466 endtsuglyph;
467
```



FF5

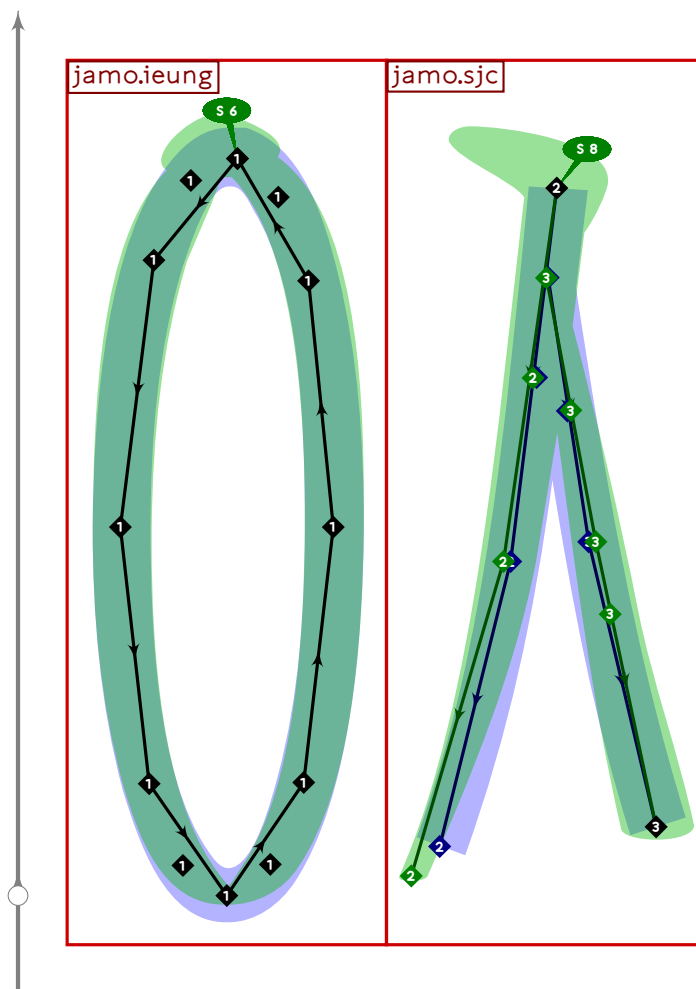
```

468 % hangul lead ieung-pieup
469 begintsuglyph("uni1144.lj4",68);
470 hangul.combine.lr(111,107)(whatever,lixf,loxf);
471 tsu_render;
472 endsuglyph;
473

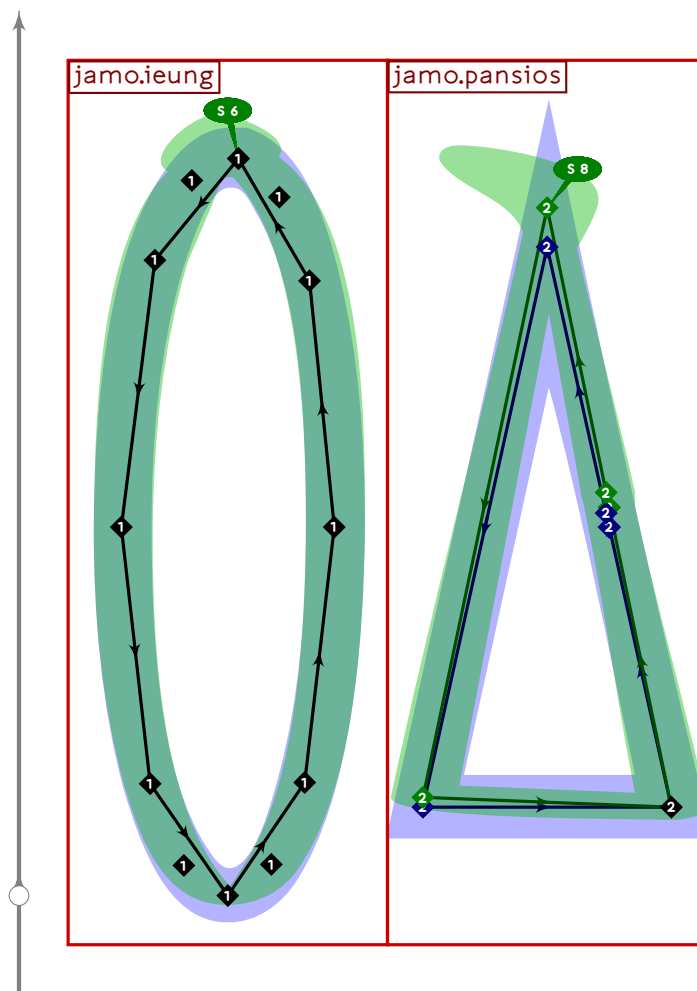
```

U+FF545  
jieub.uni1145.lj4

FF5



```
474 % hangul lead ieung-sios
475 begintsuglyph("uni1145.lj4",69);
476 hangul.combine.lr(111,109)(whatever,lixf,loxf);
477 tsu_render;
478 endtsuglyph;
479
```



FF5

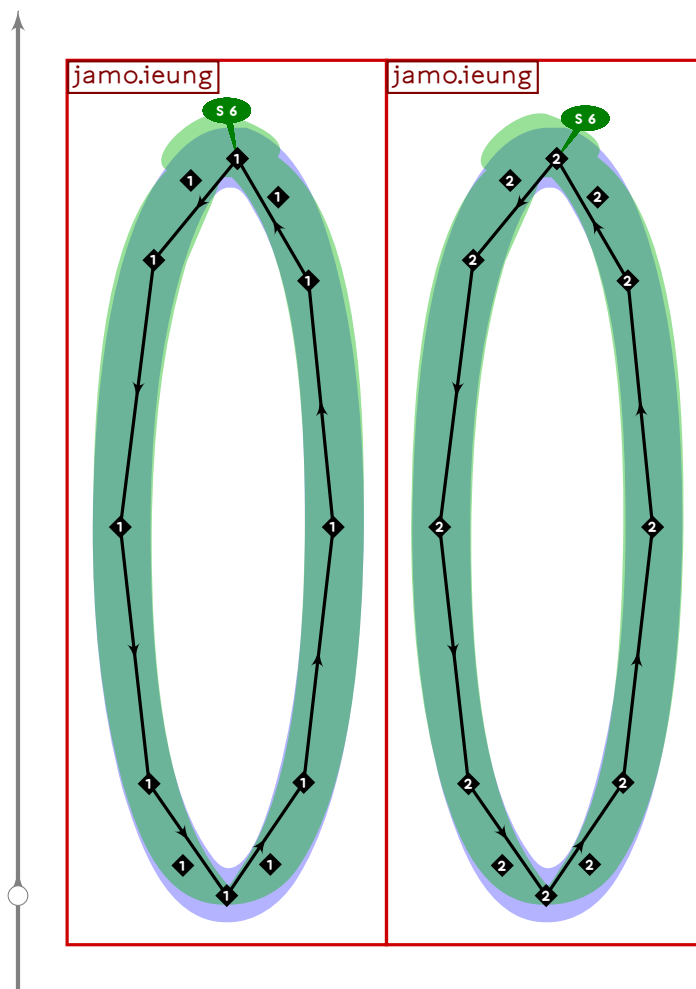
```

480 % hangul lead ieung-pansios
481 begintsuglyph("uni1146.lj4";70);
482   hangul.combine.lr(111,219)(whatever,lixf,loxf);
483   tsu_render;
484 endsuglyph;
485

```

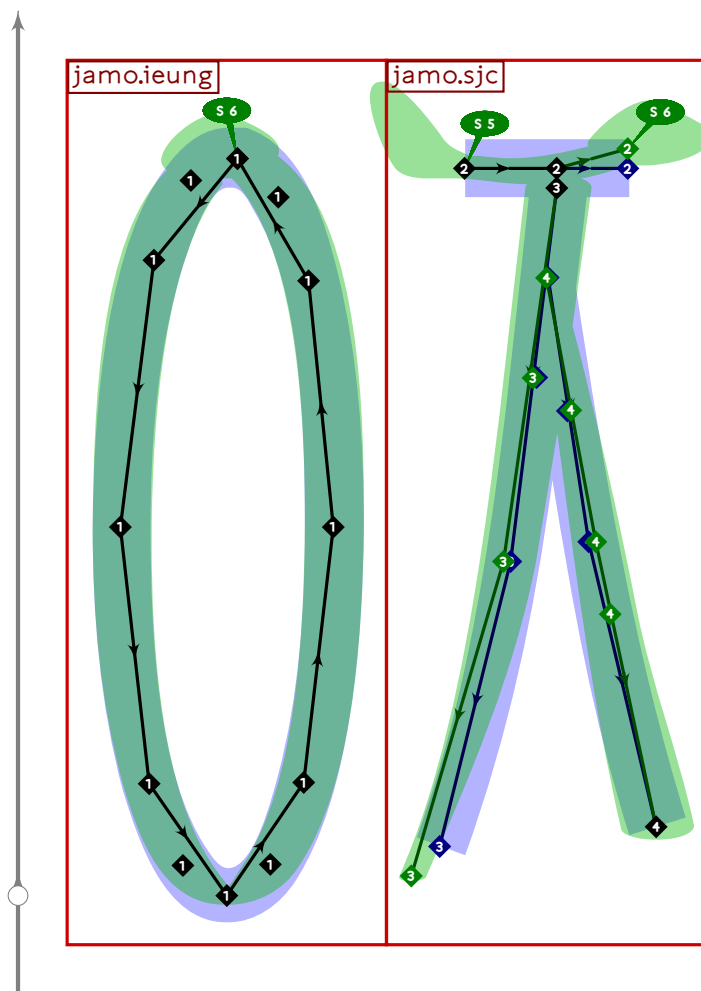
U+FF547  
jieub.uni1147.lj4

FF5



```
486 % hangul lead ssangieung
487 begintsuglyph("uni1147.lj4";71);
488   hangul.combine.lr(111,111)(whatever,lixf,loxf);
489   tsu_render;
490 endtsuglyph;
491
```





FF5

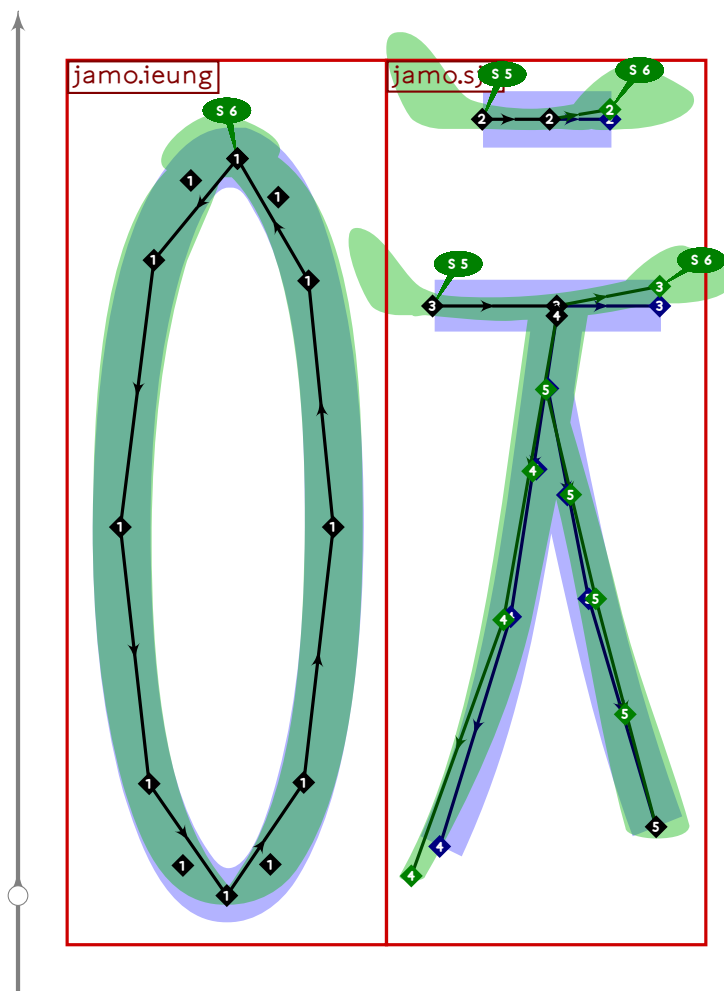
```

492 % hangul lead ieung-cieuc
493 begintsuglyph("uni1148.lj4";72);
494 hangul.combine.lr(111,112)(whatever,lixf,loxf);
495 tsu_render;
496 endsuglyph;
497

```

U+FF549  
jieub.uni1149.lj4

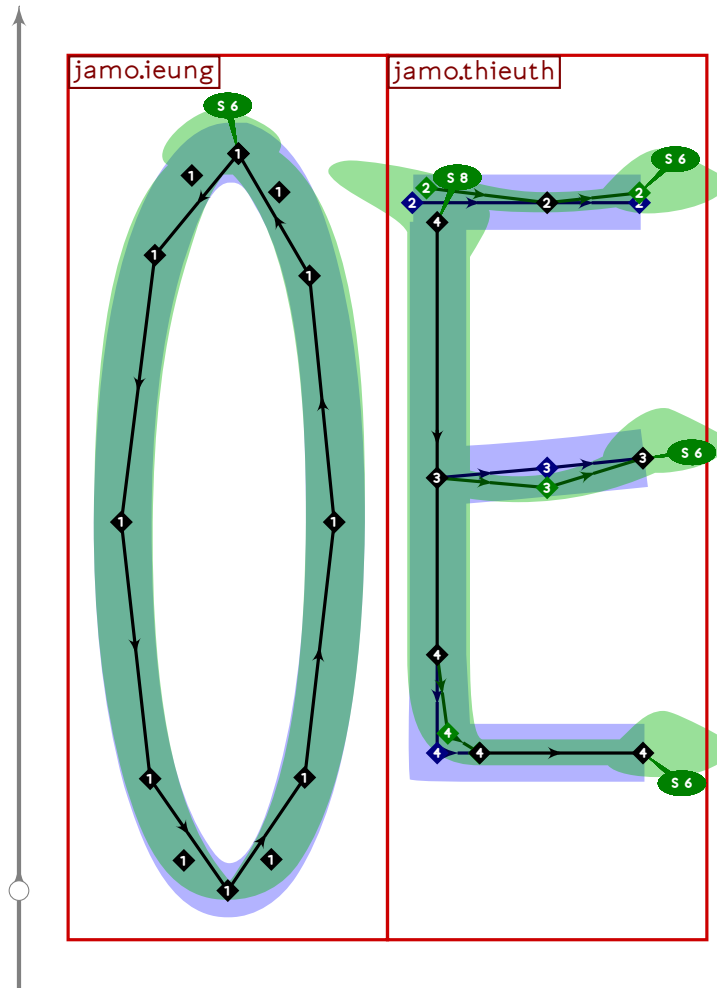
FF5



```

498 % hangul lead ieung-chieuch
499 begintsuglyph("uni1149.lj4";73);
500 hangul.combine.lr(111,114)(whatever,lixf,loxf);
501 tsu_render;
502 endsuglyph;
503

```



FF5

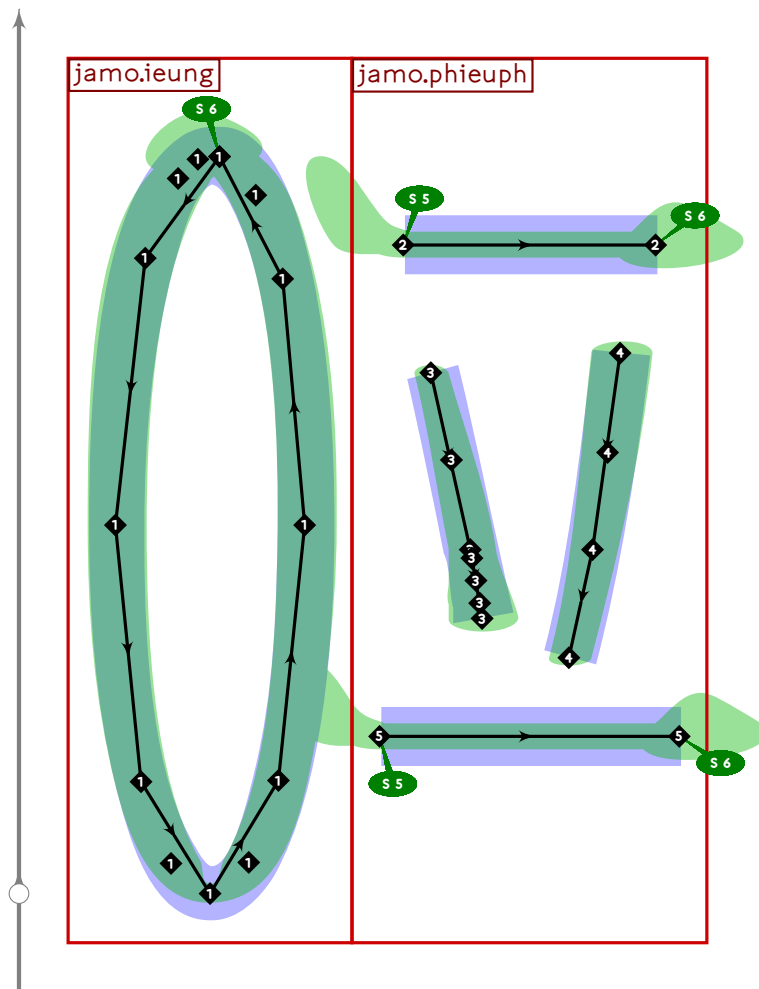
```

504 % hangul lead ieung-theiuth
505 begintsuglyph("uni114A.lj4";74);
506 hangul.combine.lr(111,116)(whatever,lixf,loxf);
507 tsu_render;
508 endsuglyph;
509

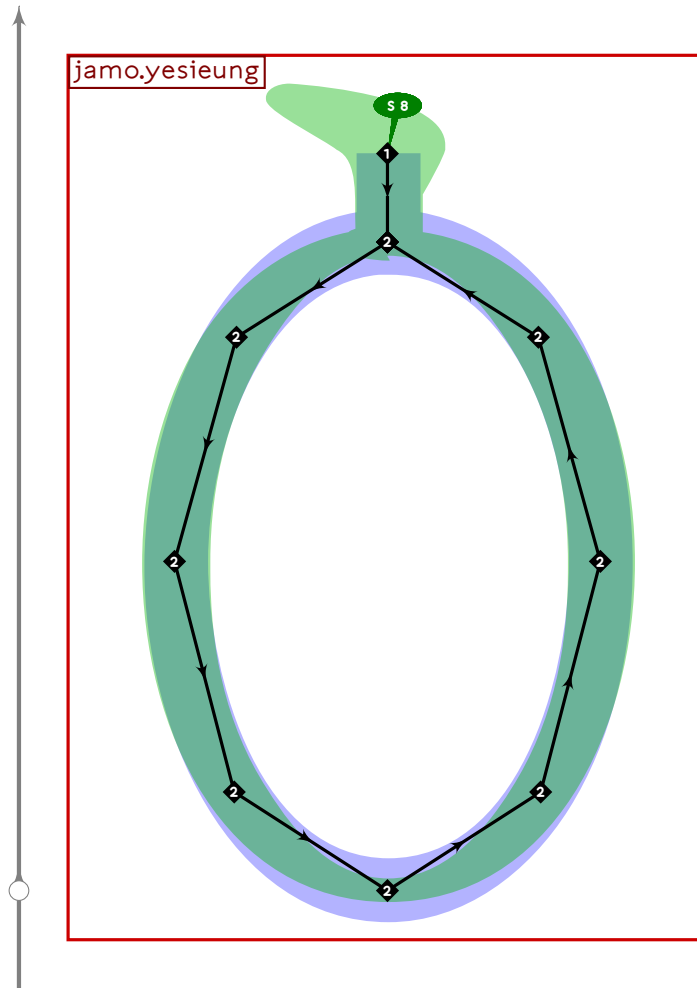
```

U+FF54B  
jieub.uni114B.lj4

FF5



```
510 % hangul lead ieung-phieuph
511 begintsuglyph("uni114B.lj4";75);
512   hangul.combine.lr(111,117)(whatever,lixf,loxf);
513   tsu_render;
514 endsuglyph;
515
```



FF5

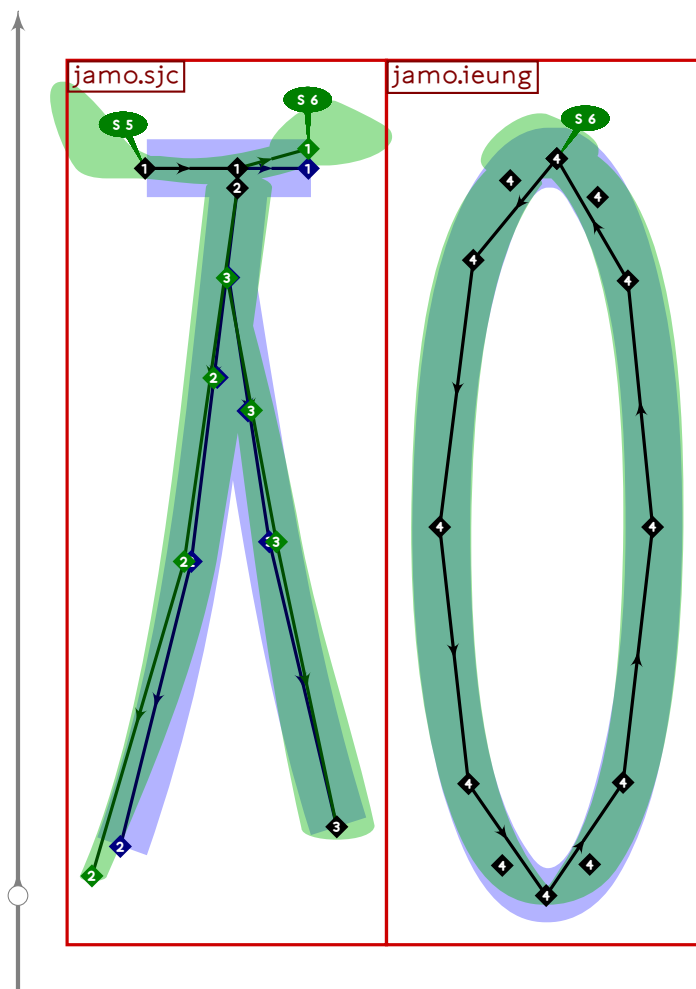
```

516 % hangul lead yesieung
517 beginsuglyph("uni114C.lj4";76);
518   hangul.jamo.yesieung(whatever,lixf,loxf);
519   tsu_render;
520 endsuglyph;
521

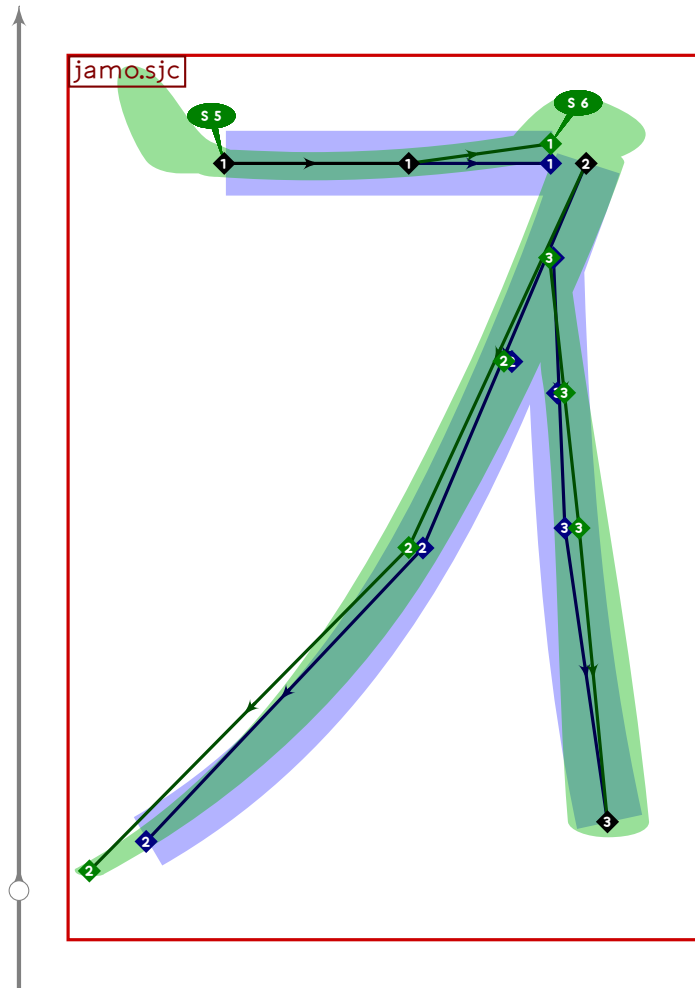
```

U+FF54D  
jieub.uni114D.lj4

FF5



```
522 % hangul lead cieuc-ieung
523 beginsuglyph("uni114D.lj4";77);
524   hangul.combine.lr(112,111)(whatever,lixf,loxf);
525   tsu_render;
526 endsuglyph;
527
```



FF5

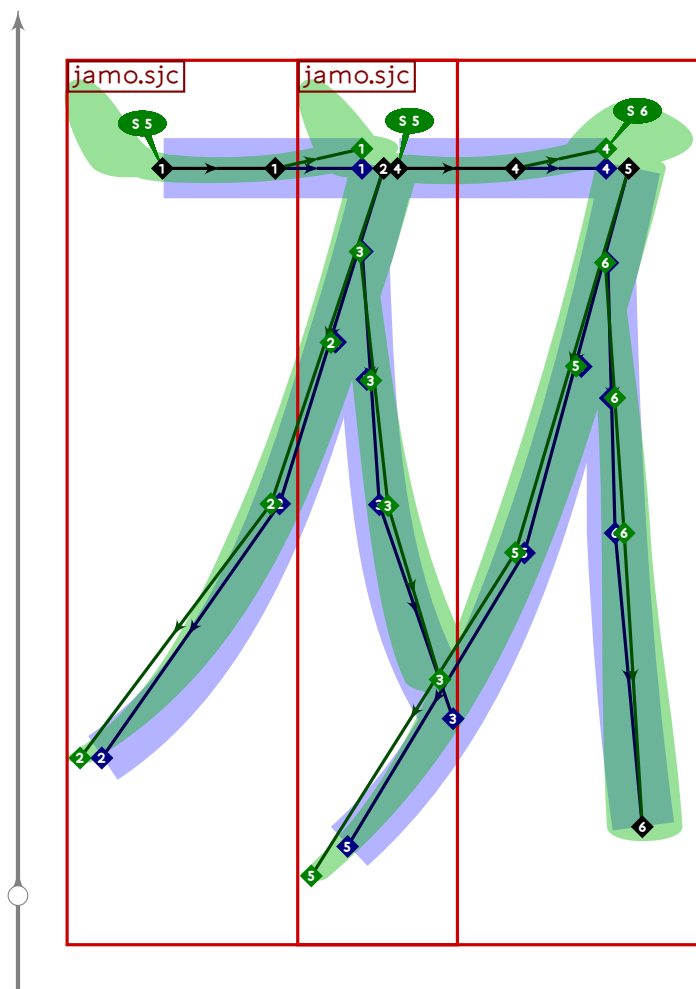
```

528 % hangul lead chitueumcieuc
529 begintsuglyph("uni114E.lj4";78);
530 hangul.jamo.sjc(1,1,false)(whatever,lixf,loxf);
531 tsu_render;
532 endsuglyph;
533

```

U+FF54F  
jjeub.uni114F.lj4

FF5

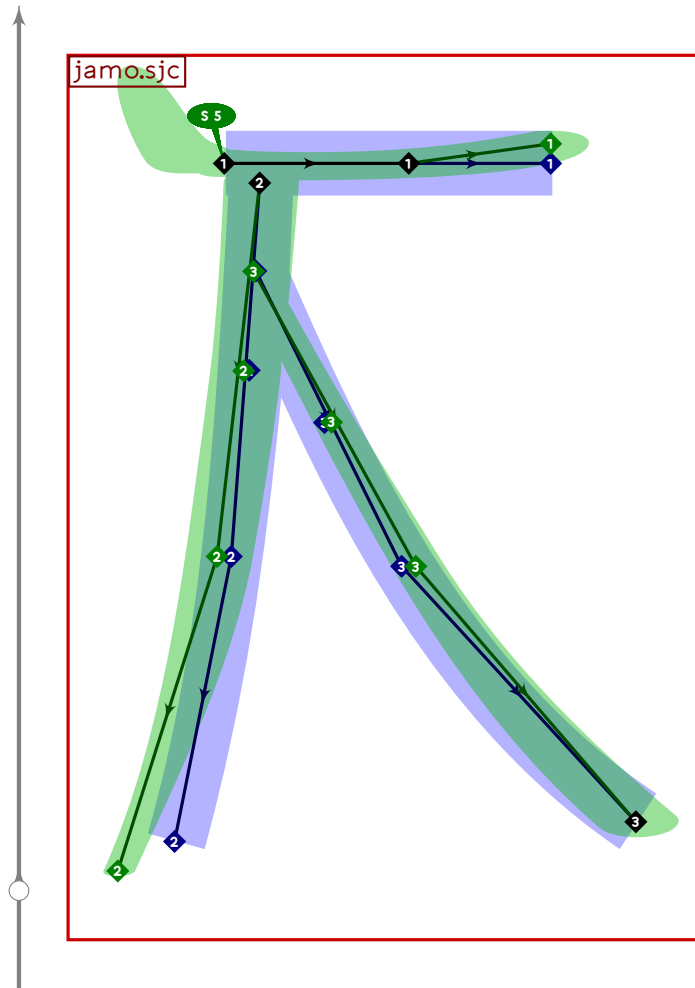


```

534 % hangul lead chitueumssangcieuc
535 begintsuglyph("uni114F.lj4";79);
536   hangul.combine.lr(227,226)(whatever,lixf,loxf);
537   tsu_render;
538 endtsuglyph;
539

```



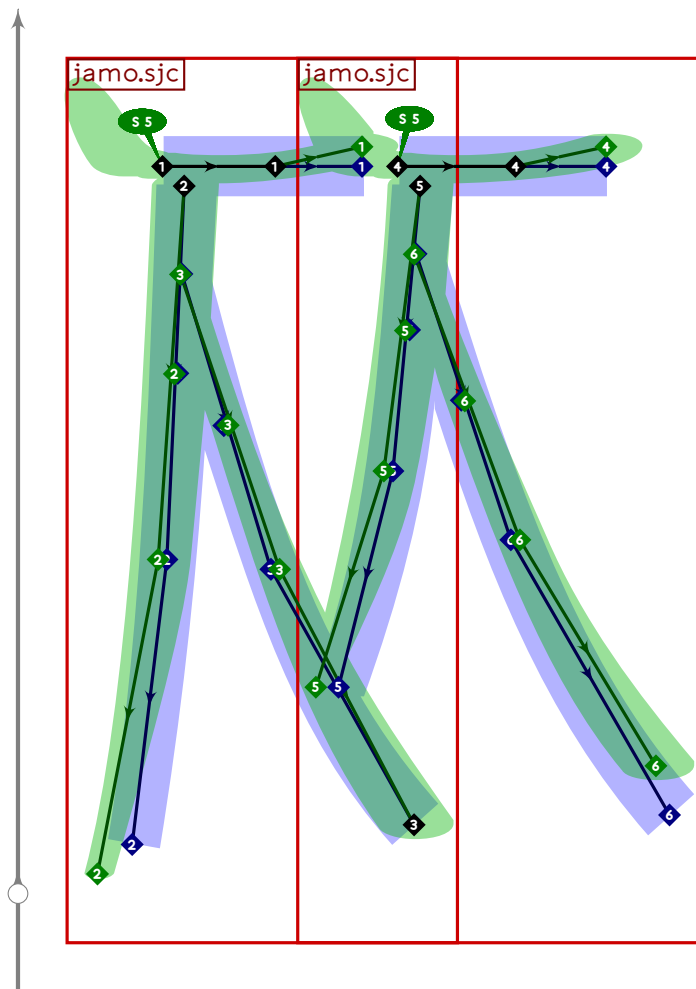


FF5

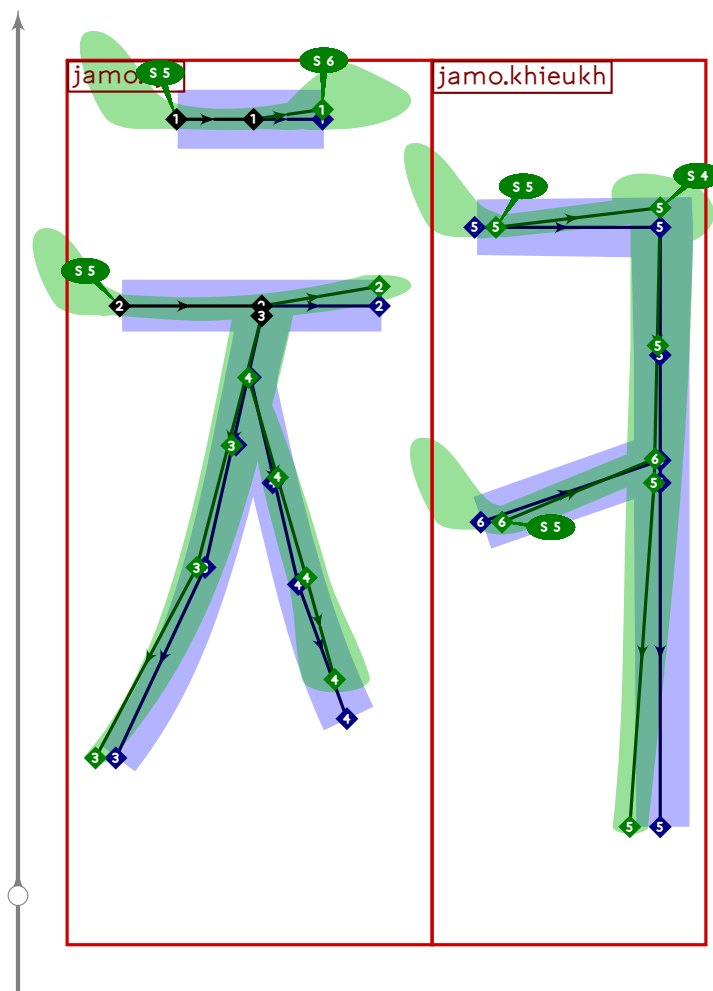
```
540 % hangul lead ceongchieumcieuc
541 begintsuglyph("uni1150.lj4";80);
542 hangul.jamo.sjc(1,-1,false)(whatever,lixf,loxf);
543 tsu_render;
544 endsuglyph;
545
```

U+FF551  
jieub.uni1151.lj4

FF5



```
546 % hangul lead ceongchieumssangcieuc
547 begintsuglyph("uni1151.lj4";81);
548   hangul.combine.lr(228,229)(whatever,lixf,loxf);
549   tsu_render;
550 endtsuglyph;
551
```



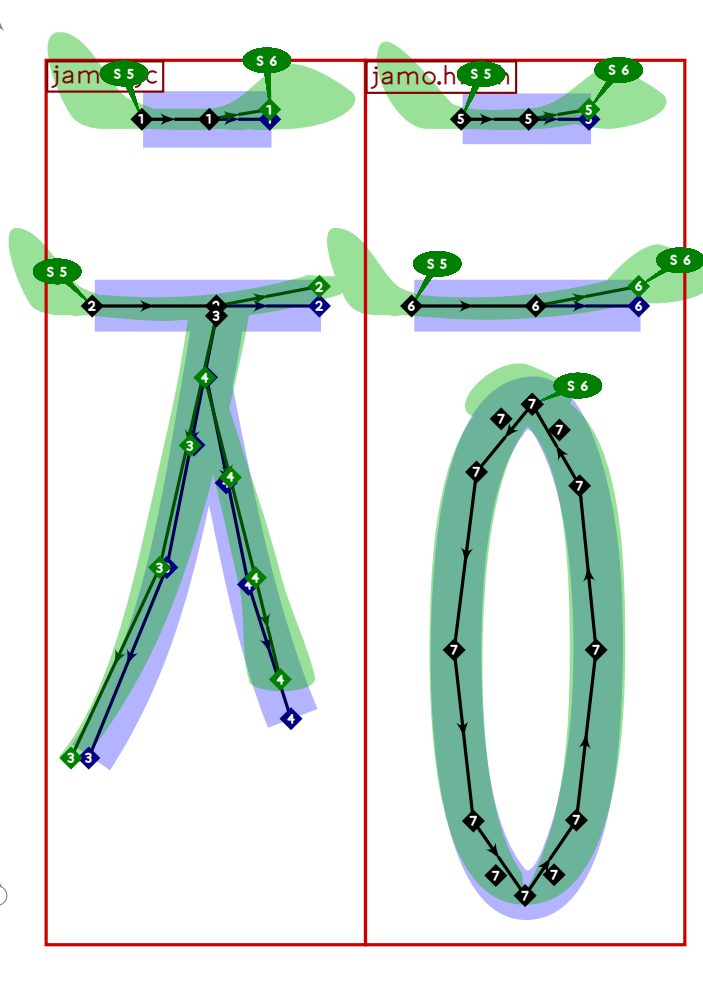
FF5

```

552 % hangul lead chieuch-khieukh
553 begintsuglyph("uni1152.lj4";82);
554   hangul.combine.lcr(214,230,115)(whatever,lif,loxf);
555   tsu_render;
556 endtsuglyph;
557

```

U+FF553  
jieub.uni1153.lj4



FF5

```
558 % hangul lead chieuch-hieuh
559 begintsuglyph("uni1153.lj4";83);
560 hangul.combine.lcr(214,230,118)(whatever,lixf,loxf);
561 tsu_render;
562 endtsuglyph;
563
```

FF5

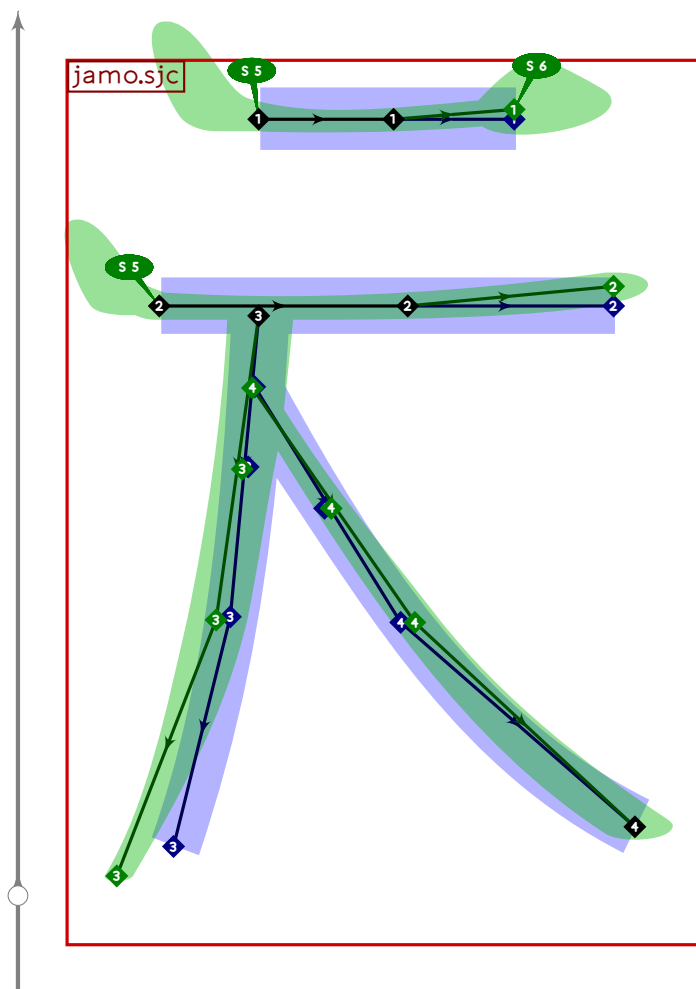
```

564 % hangul lead chitueumcieuc
565 begintsuglyph("uni1154.lj4";84);
566   hangul.jamo.sjc(2,1,false)(whatever,lxf,loxf);
567   tsu_render;
568 endtsuglyph;
569

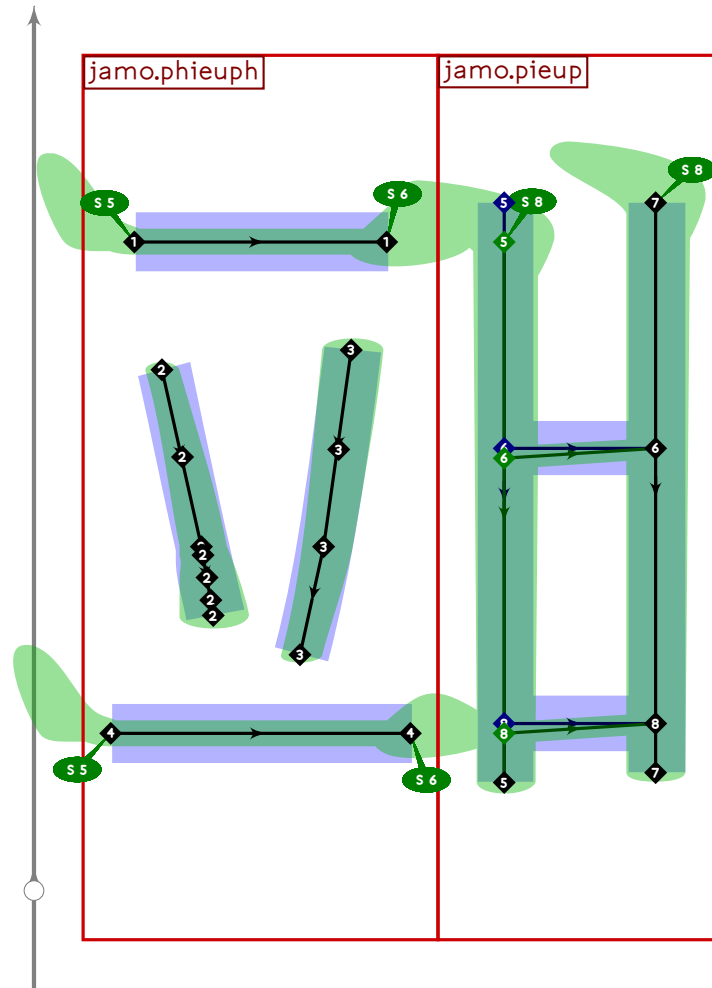
```

U+FF555  
jieub.uni1155.lj4

FF5



```
570 % hangul lead ceongchieumcieuc
571 begintsuglyph("uni1155.lj4";85);
572   hangul.jamo.sjc(2,-1,false)(whatever,lixf,loxf);
573   tsu_render;
574 endtsuglyph;
575
```



FF5

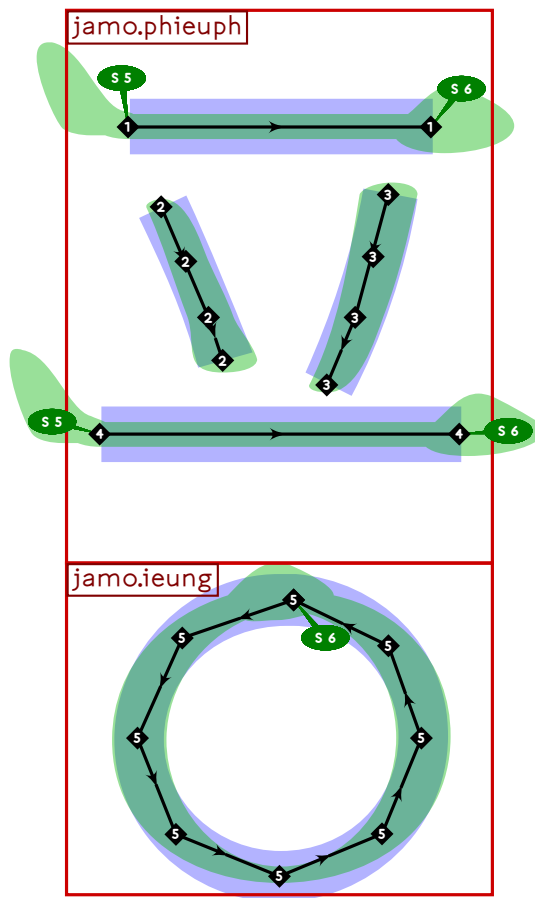
```

576 % hangul lead phieuph-pieup
577 begintsuglyph("uni1156.lj4";86);
578 hangul.combine.lr(117,107)(whatever,lixf,loxf);
579 tsu_render;
580 endsuglyph;
581

```

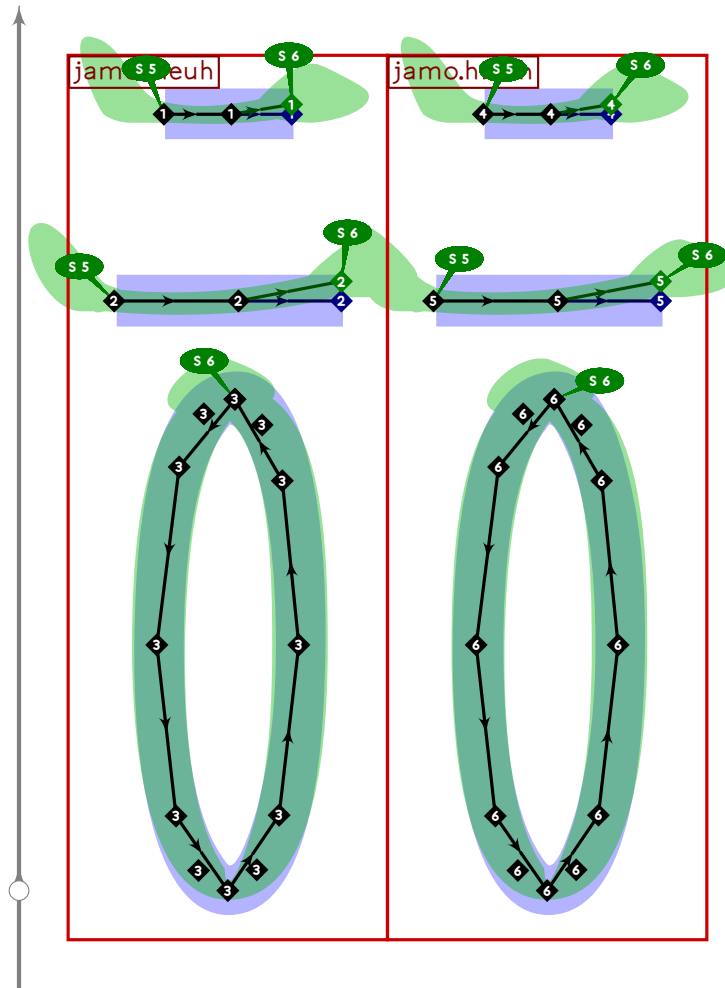
U+FF557  
jieub.uni1157.lj4

FF5



```
582 % hangul lead kapyeounphieuph
583 begintsuglyph("uni1157.lj4";87);
584   hangul.combine.tb(117,521)(whatever,
585     hxf((250,850),(850,-50)) transformed lixf,loxf);
586   tsu_render;
587 endtsuglyph;
588
```





FF5

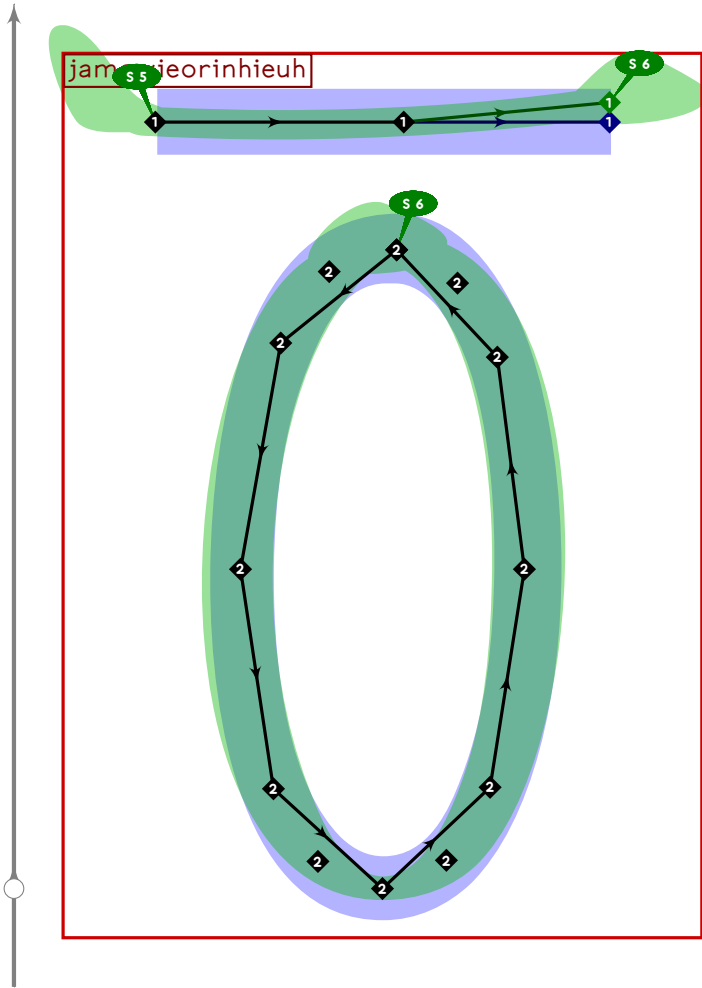
```

589 % hangul lead ssanghieuh
590 begintsuglyph("uni1158.lj4";88);
591   hangul.combine.lcr(118,230,118)(whatever,lixf,loxf);
592   tsu_render;
593 endsuglyph;
594

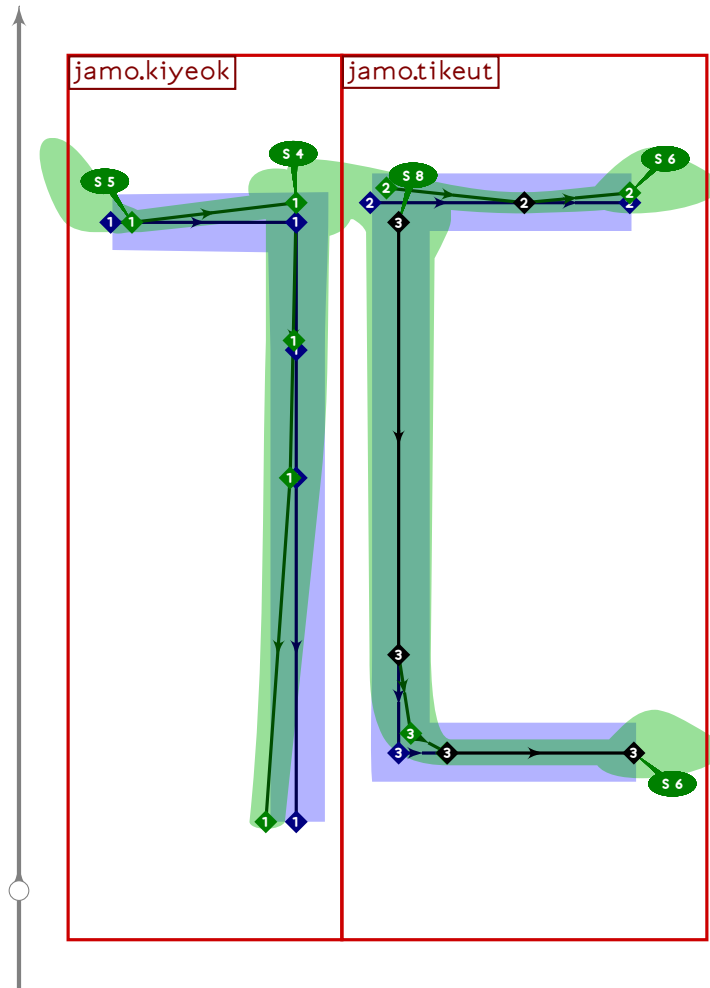
```

U+FF559  
jieub.uni1159.lj4

FF5



```
595 % hangul lead yeorinhieuh
596 beginsuglyph("uni1159.lj4";89);
597 hangul.jamo.yeorinhieuh(whatever,lixf,loxf);
598 tsu_render;
599 endsuglyph;
600
```



FF5

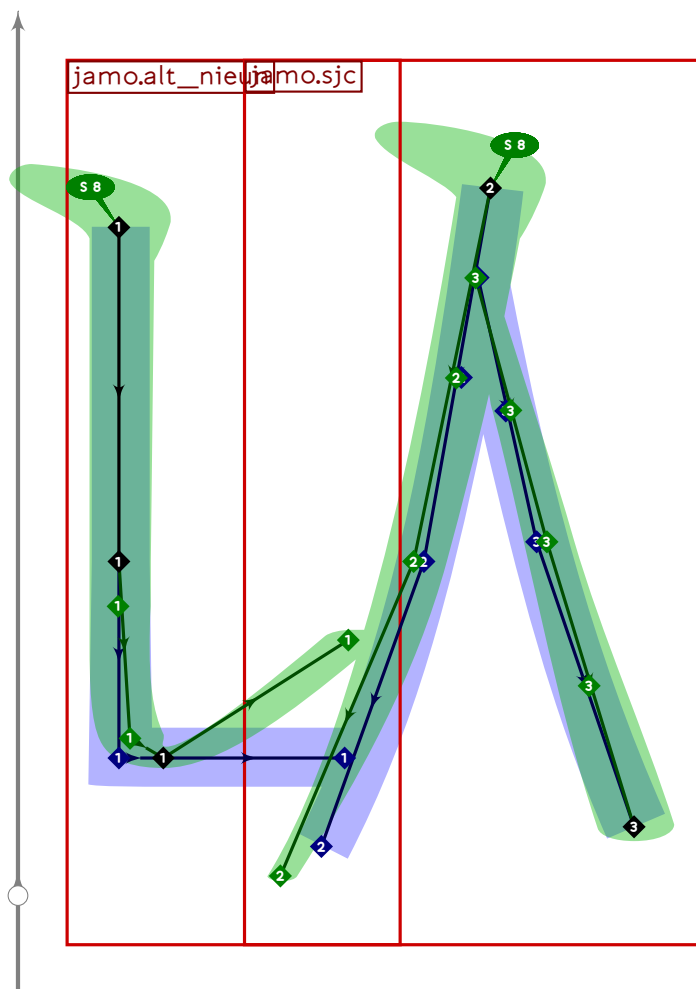
```

601 % hangul lead kiyeok-tikeut
602 begintsuglyph("uni115A.lj4",90);
603   hangul.combine.lr(100,103)(whatever,lixf,loxf);
604   tsu_render;
605 endsuglyph;
606

```

U+FF55B  
jieub.uni115B.lj4

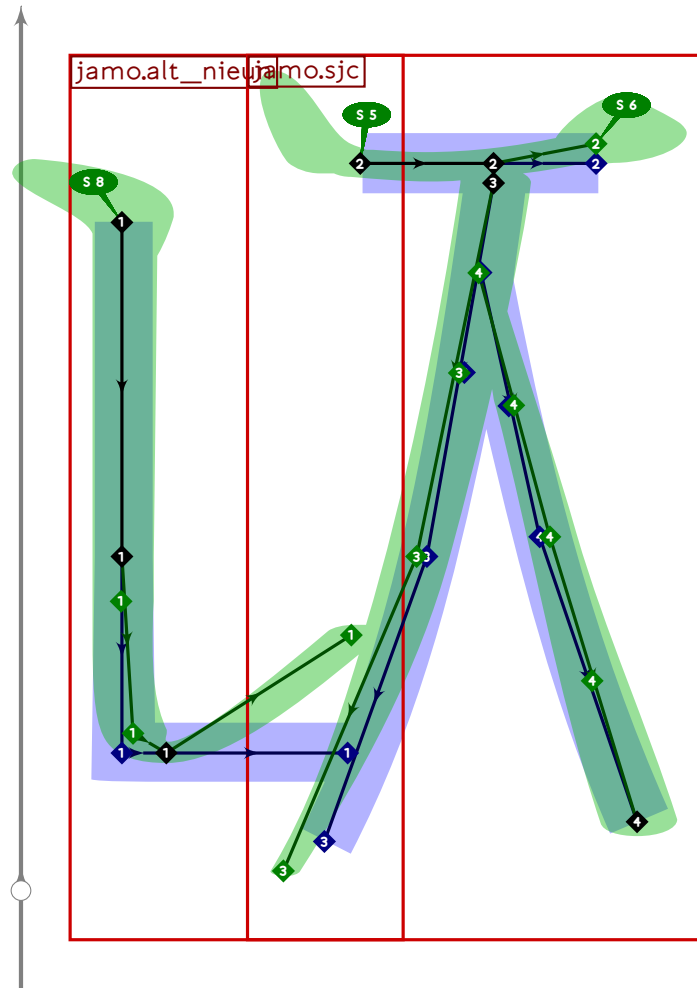
FF5



```

607 % hangul lead nieun-sios
608 begintsuglyph("uni115B.lj4";91);
609 hangul.combine.lr(202,109)(whatever,lixf,loxf);
610 tsu_render;
611 endsuglyph;
612

```



FF5

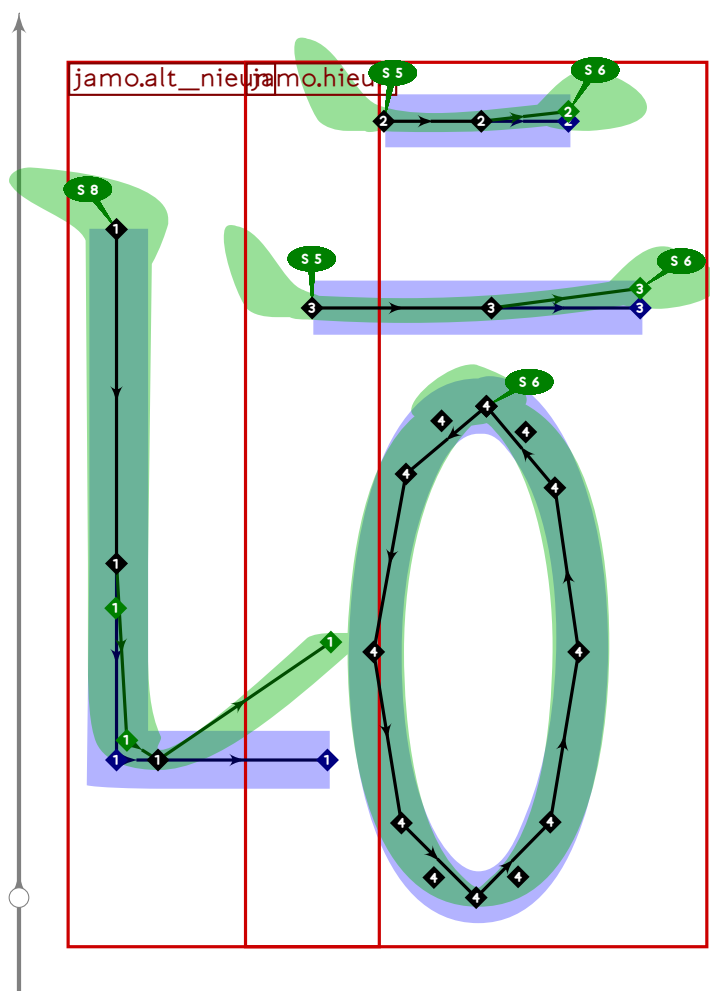
```

613 % hangul lead nieun-cieuc
614 begintsuglyph("uni115C.lj4";92);
615   hangul.combine.lr(202,112)(whatever,lixf,loxf);
616   tsu_render;
617 endsuglyph;
618

```

U+FF55D  
jieub.uni115D.lj4

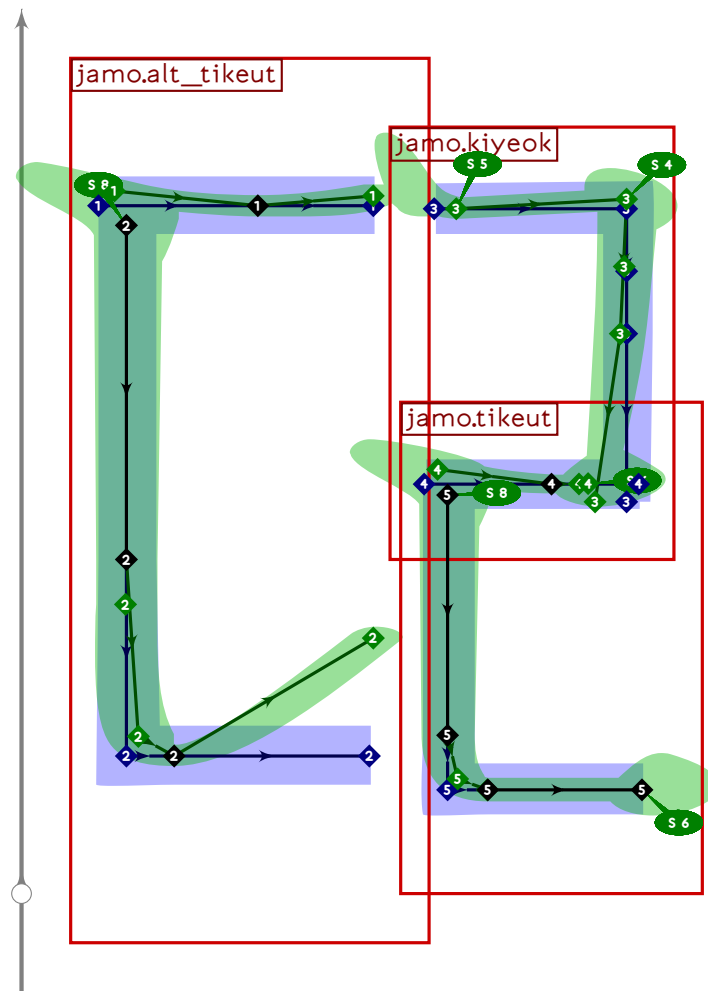
FF5



```

619 % hangul lead nieun-hieuh
620 beginsuglyph("uni115D.lj4";93);
621   hangul.combine.lr(202,118)(whatever,lixf,loxf);
622   tsu_render;
623 endsuglyph;
624

```



FF5

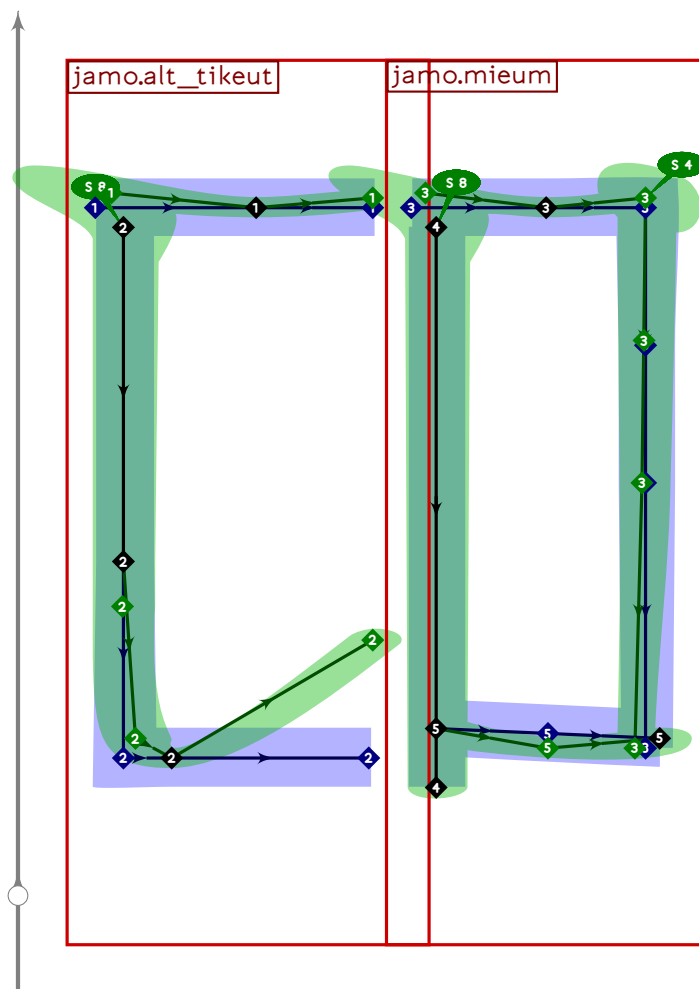
```

625 % hangul lead tikeut-rieul
626 begintsuglyph("uni115E.lj4";94);
627 hangul.combine.lr(203,105)(whatever,lixf,loxf);
628 tsu_render;
629 endsuglyph;
630

```

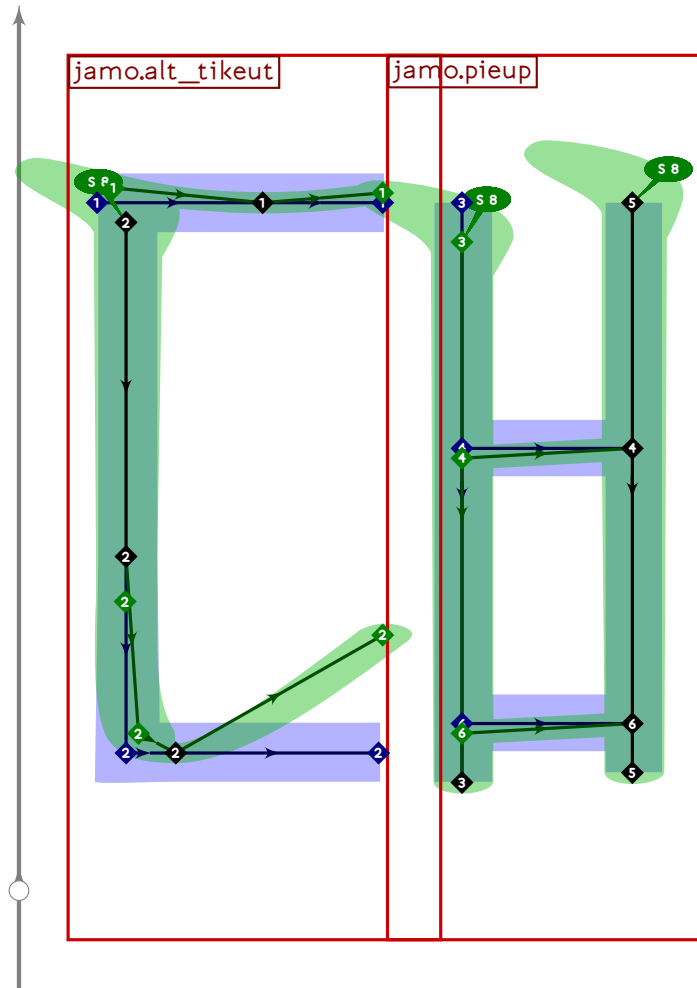
U+FF560  
jjeub.uniA960.lj4

FF5



```
631 % hangul lead tikeut-mieum
632 begintsuglyph("uniA960.lj4";96);
633 hangul.combine.lr(203,106)(whatever,lixf,loxf);
634 tsu_render;
635 endtsuglyph;
636
```





FF5

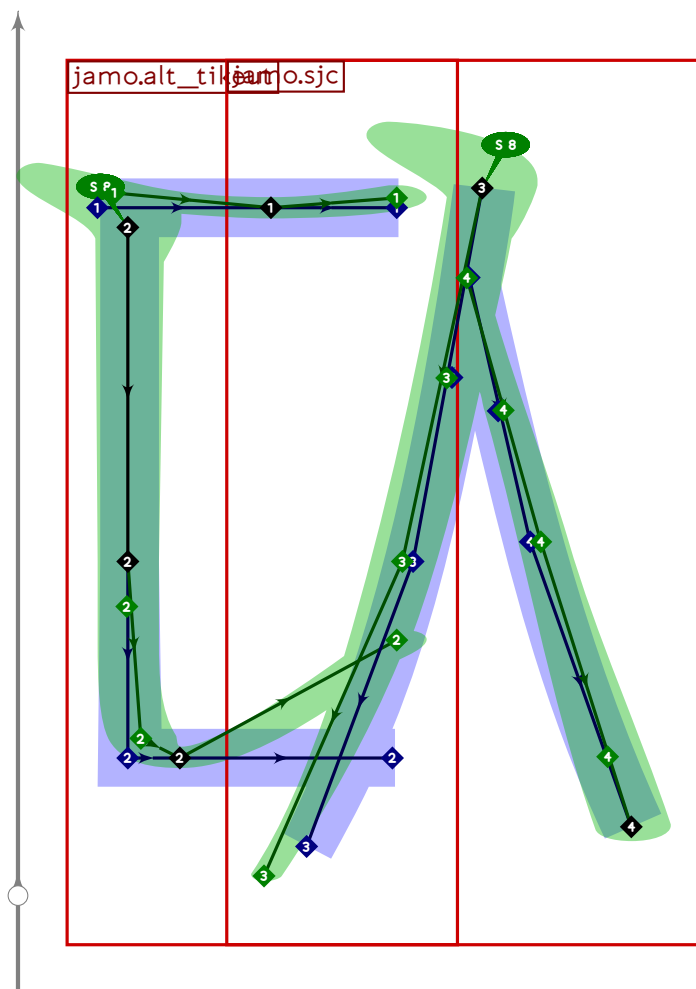
```

637 % hangul lead tikeut-pieup
638 begintsuglyph("uniA961.lj4",97);
639 hangul.combine.lr(203,107)(whatever,lixf,loxf);
640 tsu_render;
641 endsuglyph;
642

```

U+FF562  
jjeub.uniA962.lj4

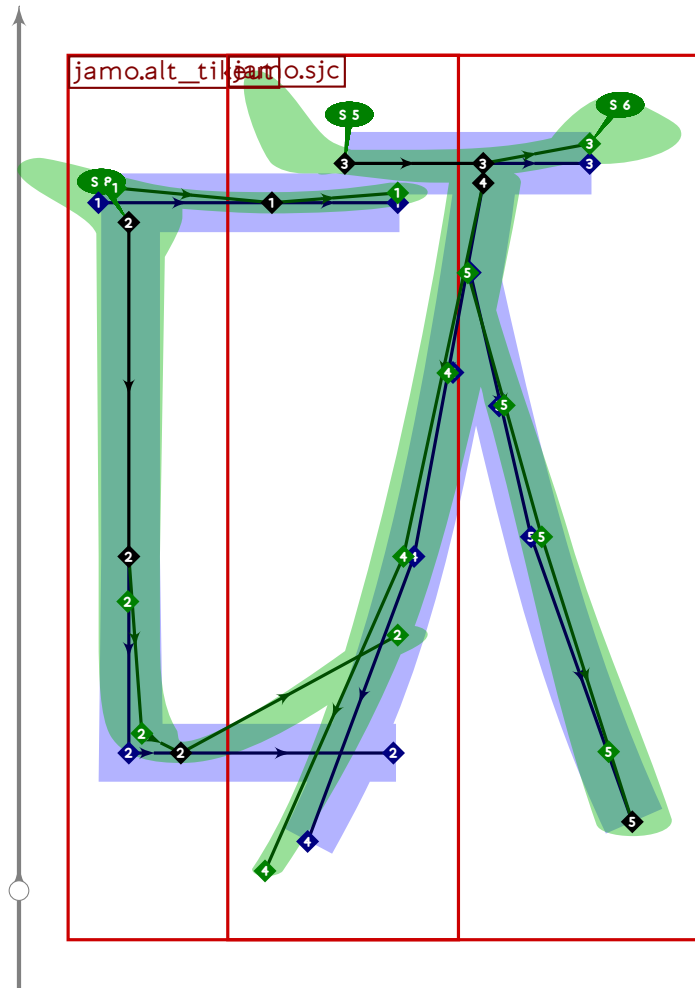
FF5



```

643 % hangul lead tikeut-sios
644 begintsuglyph("uniA962.lj4";98);
645   hangul.combine.lr(203,109)(whatever,lixf,loxf);
646   tsu_render;
647 endtsuglyph;
648

```



FF5

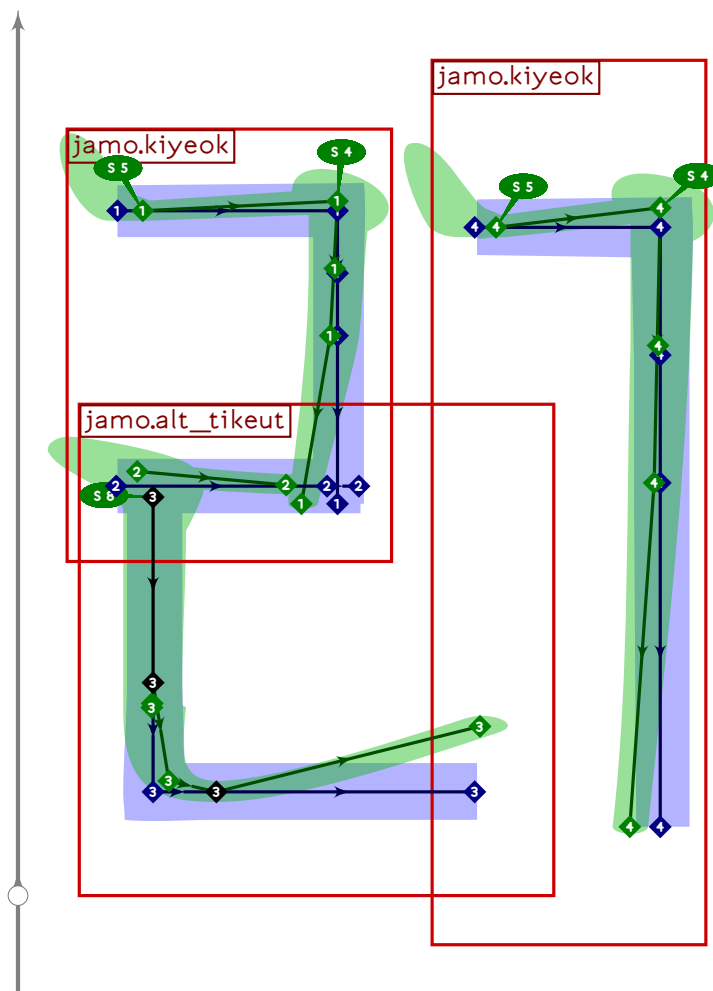
```

649 % hangul lead tikeut-cieuc
650 begintsuglyph("uniA963.lj4";99);
651   hangul.combine.lr(203,112)(whatever,lixf,loxf);
652   tsu_render;
653 endtsuglyph;
654

```

U+FF564  
jieub.uniA964.lj4

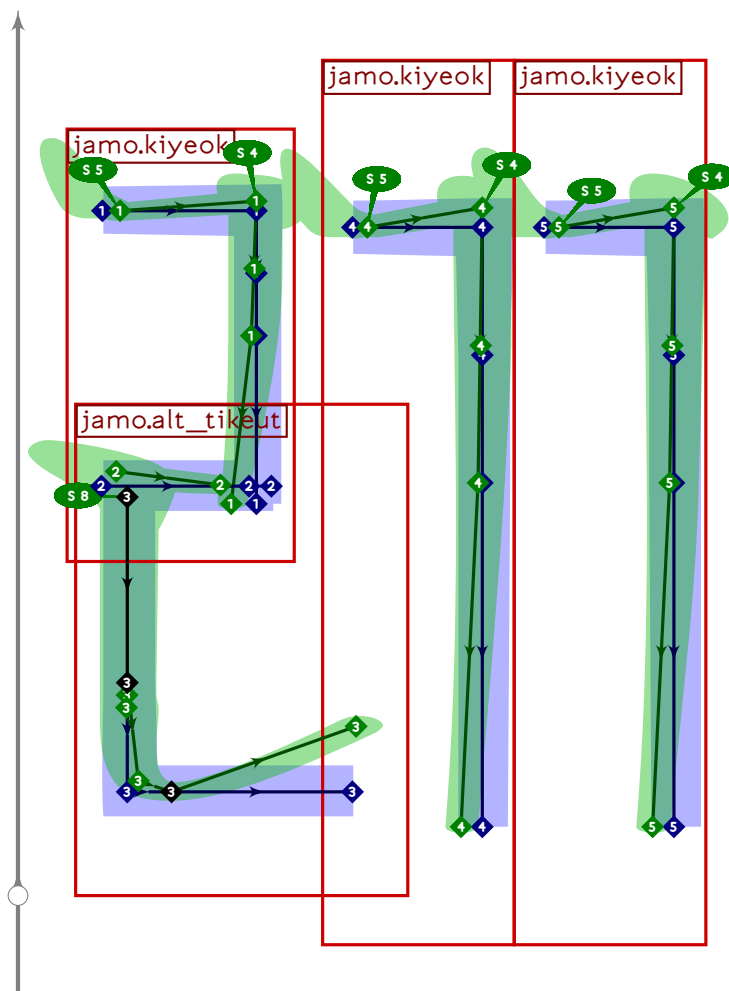
FF5



```

655 % hangul lead rieul-kiyeok
656 begintsuglyph("uniA964.lj4";100);
657 hangul.combine.lr(205,100)(whatever,lixf,loxf);
658 tsu_render;
659 endsuglyph;
660

```



FF5

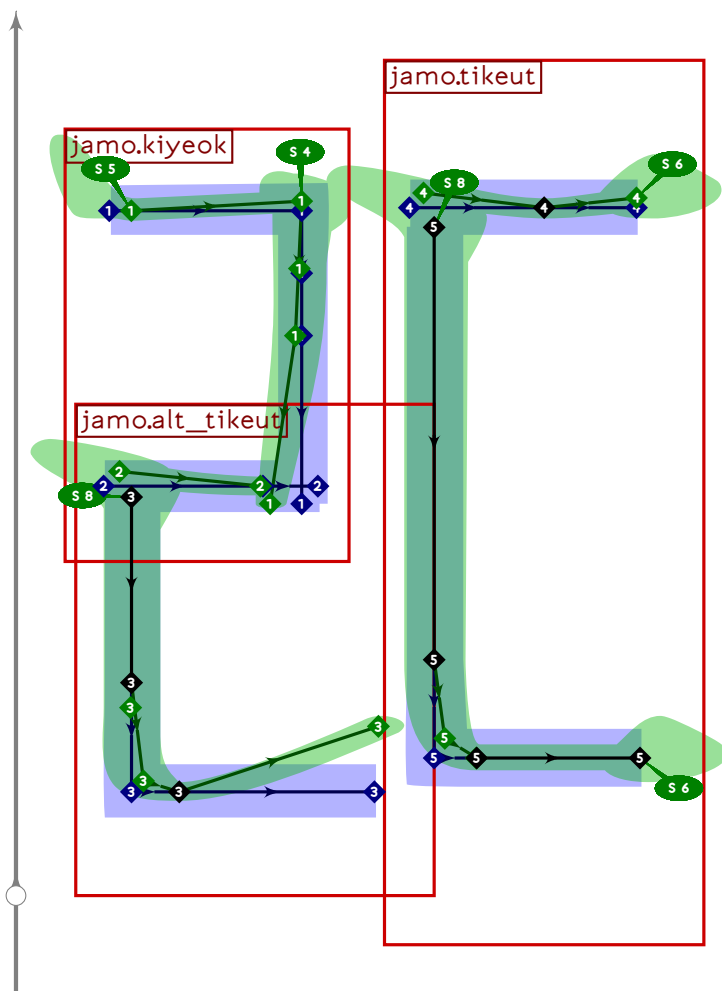
```

661 % hangul lead rieul-ssangkiyeok
662 beginsuglyph("uniA965.lj4";101);
663 hangul.combine.lcr(205,100,100)(whatever,lixf,loxf);
664 tsu_render;
665 endsuglyph;
666

```

U+FF566  
jieub.uniA966.lj4

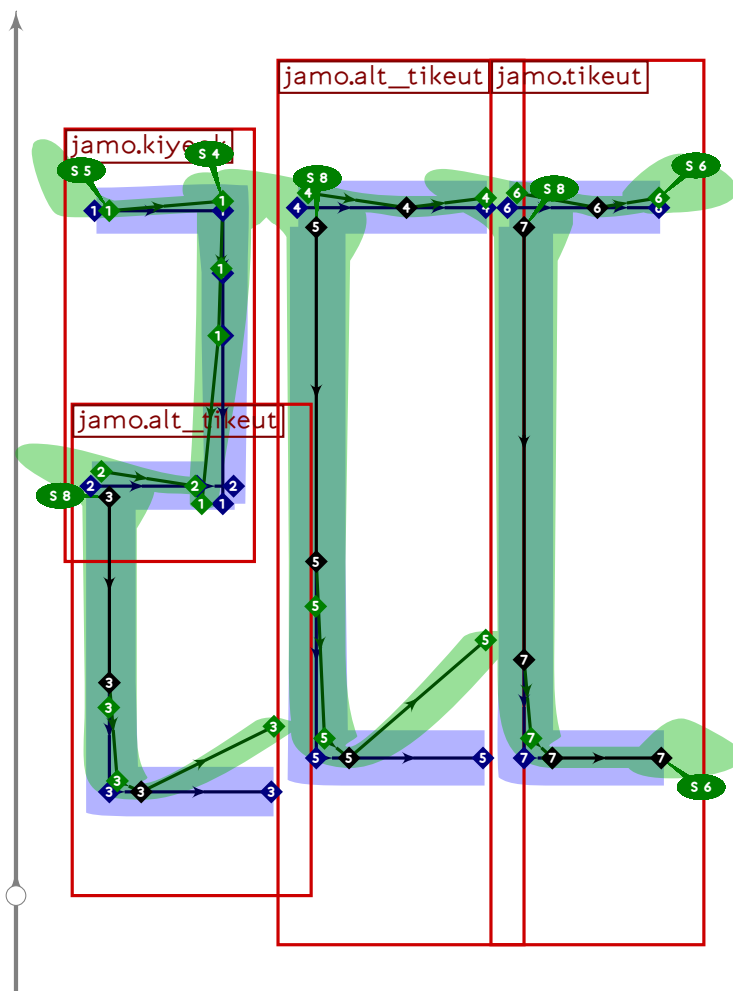
FF5



```

667 % hangul lead rieul-tikeut
668 begintsuglyph("uniA966.lj4",102);
669   hangul.combine.lr(205,103)(whatever,lixf,loxf);
670   tsu_render;
671 endsuglyph;
672

```



FF5

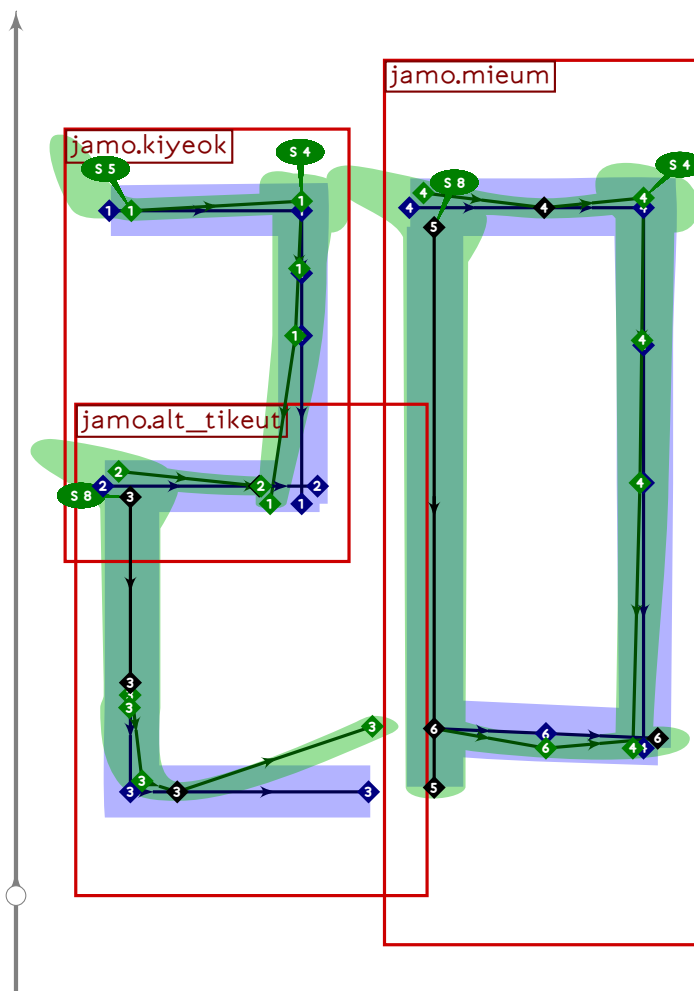
```

673 % hangul lead rieul-ssangtikeut
674 begintsuglyph("uniA967.lj4";103);
675 hangul.combine.lcr(205,203,103)(whatever,lixf,loxf);
676 tsu_render;
677 endsuglyph;
678

```

U+FF568  
jjeub.uniA968.lj4

FF5

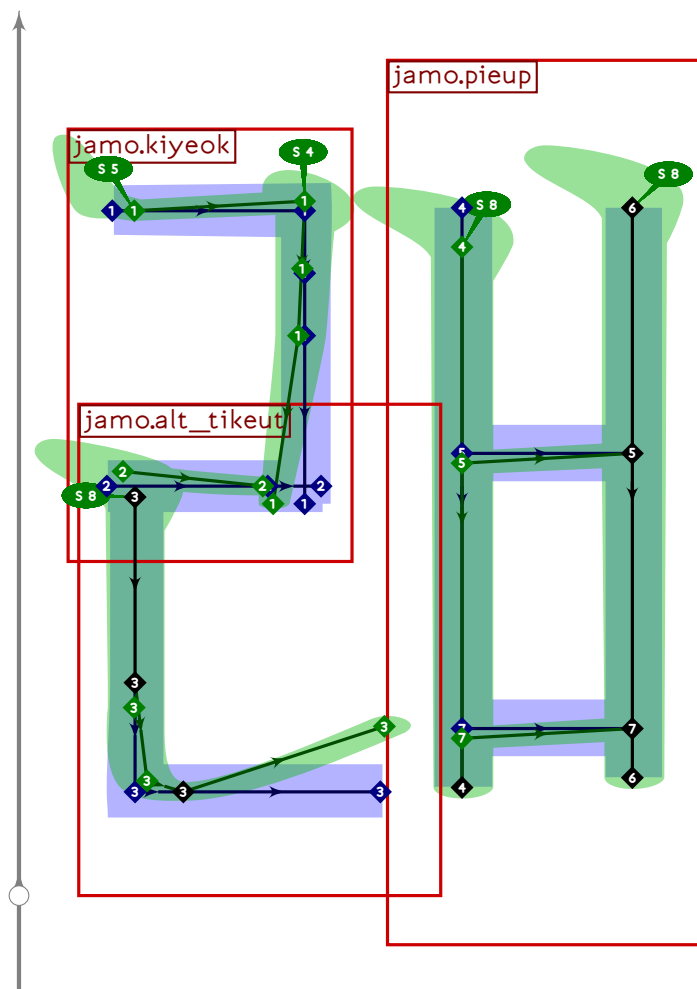


```

679 % hangul lead rieul-mieum
680 begintsuglyph("uniA968.lj4",104);
681   hangul.combine.lr(205,106)(whatever,lxf,lxf);
682   tsu_render;
683 endsuglyph;
684

```





FF5

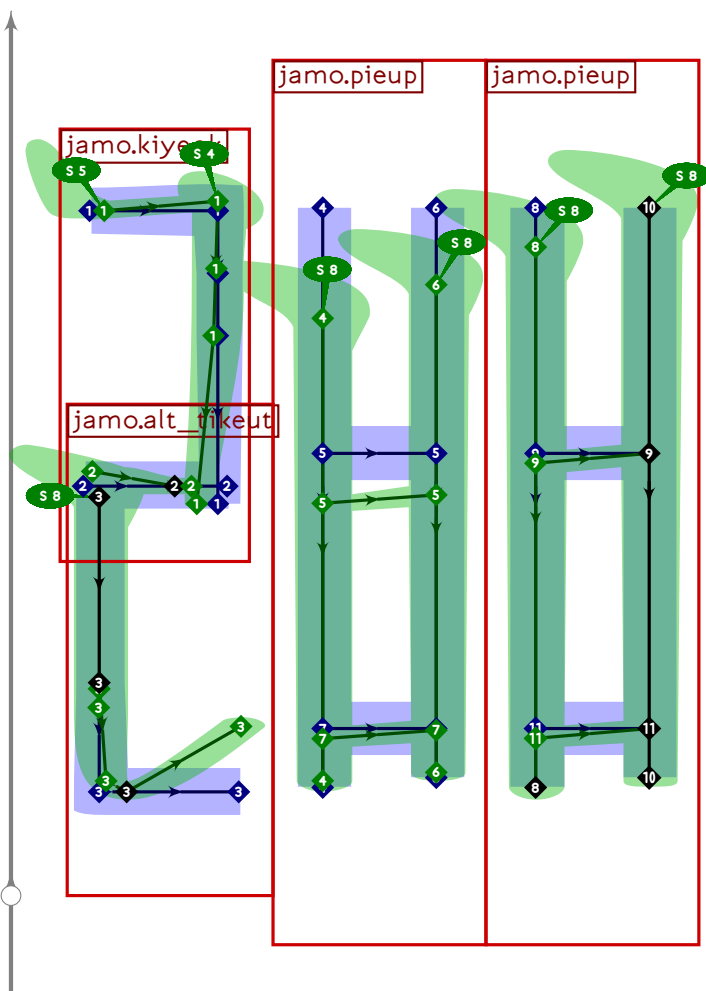
```

685 % hangul lead rieul-pieup
686 begintsuglyph("uniA969.lj4";105);
687 hangul.combine.lr(205,107)(whatever,lxf,loxf);
688 tsu_render;
689 endtsuglyph;
690

```

U+FF56A  
jieub.uniA96A.lj4

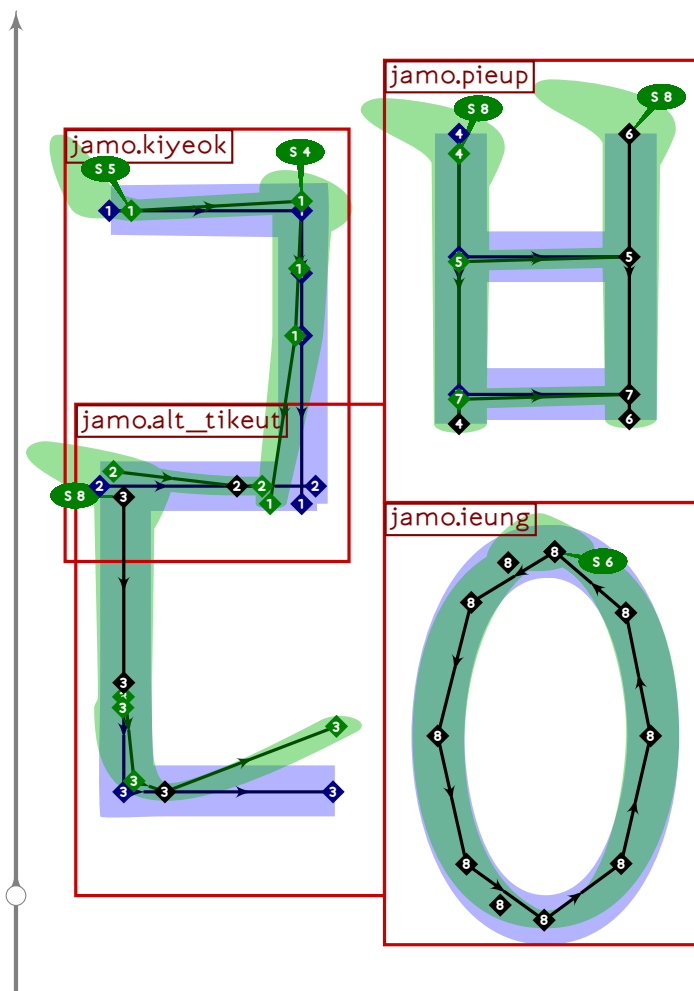
FF5



```

691 % hangul lead rieul-ssangpieup
692 begintsuglyph("uniA96A.lj4",106);
693 hangul.combine.lcr(205,207,107)(whatever,lixf,loxf);
694 tsu_render;
695 endsuglyph;
696

```



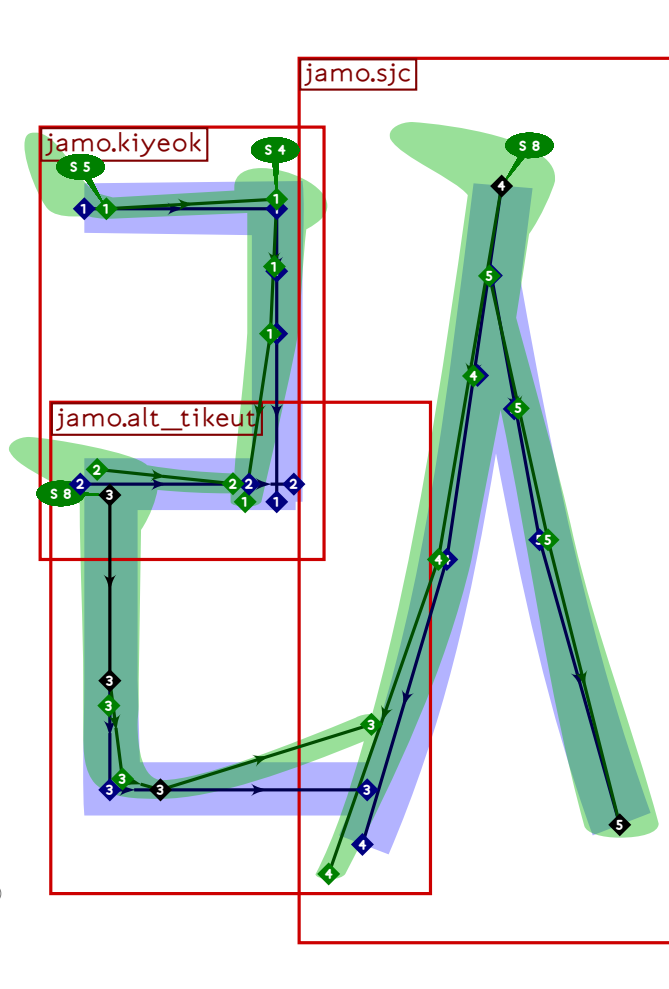
FF5

```

697 % hangul lead rieul-kapyeounpieup
698 begintsuglyph("uniA96B.lj4",107);
699 hangul.combine.lr(205,231)(whatever,lixf,loxf);
700 tsu_render;
701 endsuglyph;
702

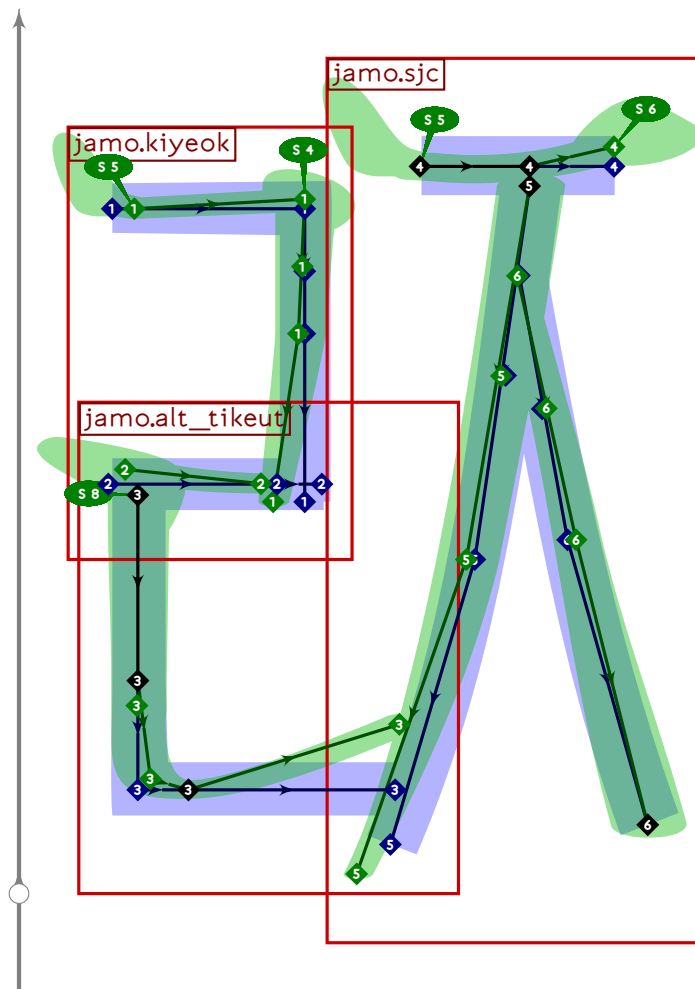
```

U+FF56C  
jieub.uniA96C.lj4



FF5

```
703 % hangul lead rieul-sios
704 begintsuglyph("uniA96C.lj4",108);
705 hangul.combine.lr(205,109)(whatever,lixf,loxf);
706 tsu_render;
707 endsuglyph;
708
```



FF5

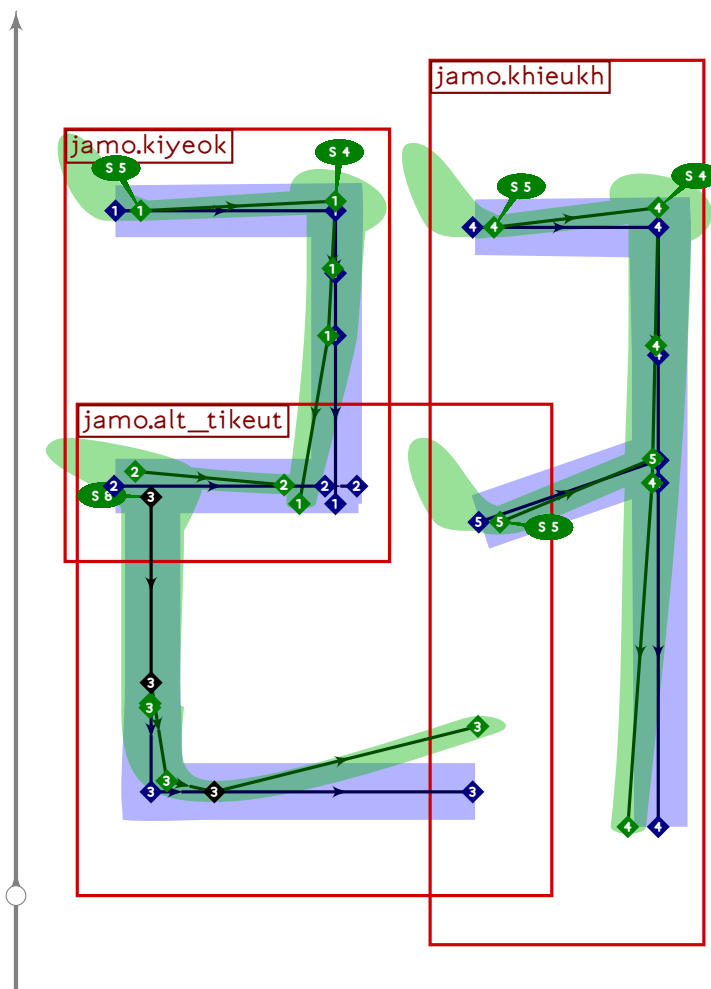
```

709 % hangul lead rieul-cieuc
710 begintsuglyph("uniA96D.lj4",109);
711 hangul.combine.lr(205,112)(whatever,lixf,loxf);
712 tsu_render;
713 endtsuglyph;
714

```

U+FF56E  
jjeub.uniA96E.lj4

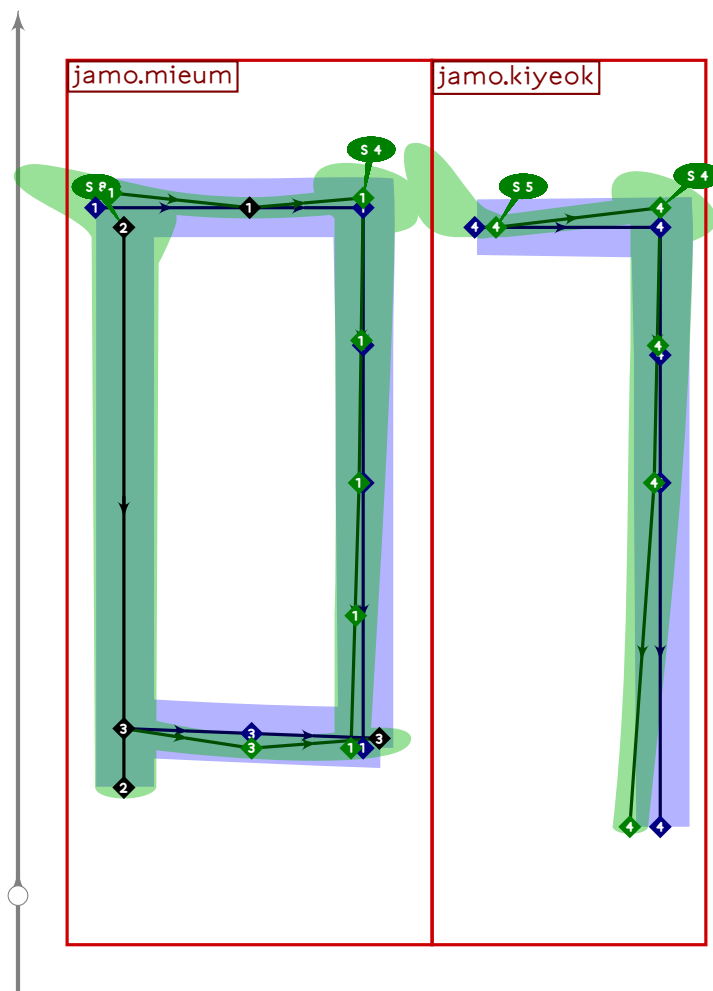
FF5



```

715 % hangul lead rieul-khieukh
716 begintsuglyph("uniA96E.lj4",110);
717   hangul.combine.lr(205,115)(whatever,lixf,loxf);
718   tsu_render;
719 endsuglyph;
720

```



FF5

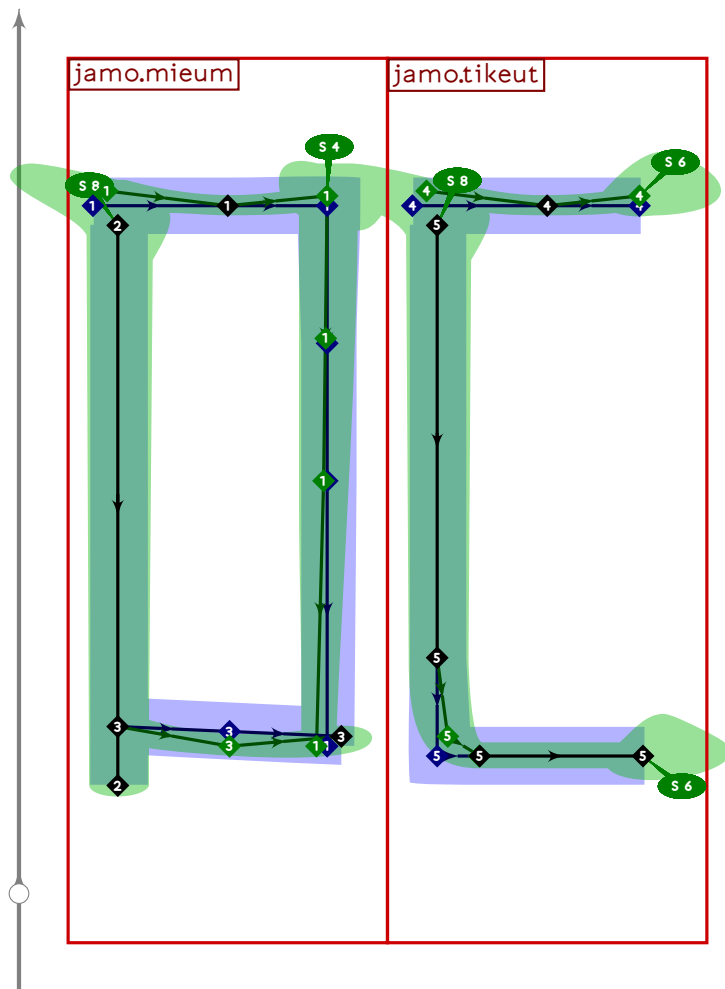
```

721 % hangul lead mieum-kiyeok
722 begintsuglyph("uniA96Flj4",111);
723 hangul.combine.lr(106,100)(whatever,lixf,loxf);
724 tsu_render;
725 endsuglyph;
726

```

U+FF570  
jieub.uniA970.lj4

FF5

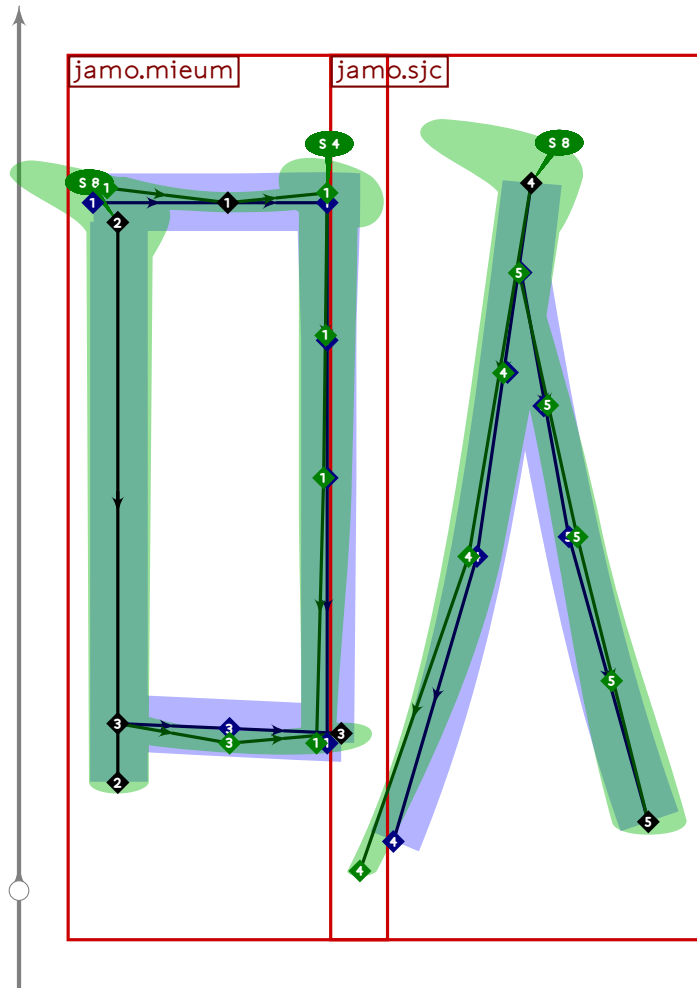


```

727 % hangul lead mieum-tikeut
728 begintsuglyph("uniA970.lj4";112);
729 hangul.combine.lr(106,103)(whatever,lixf,loxf);
730 tsu_render;
731 endtsuglyph;
732

```





FF5

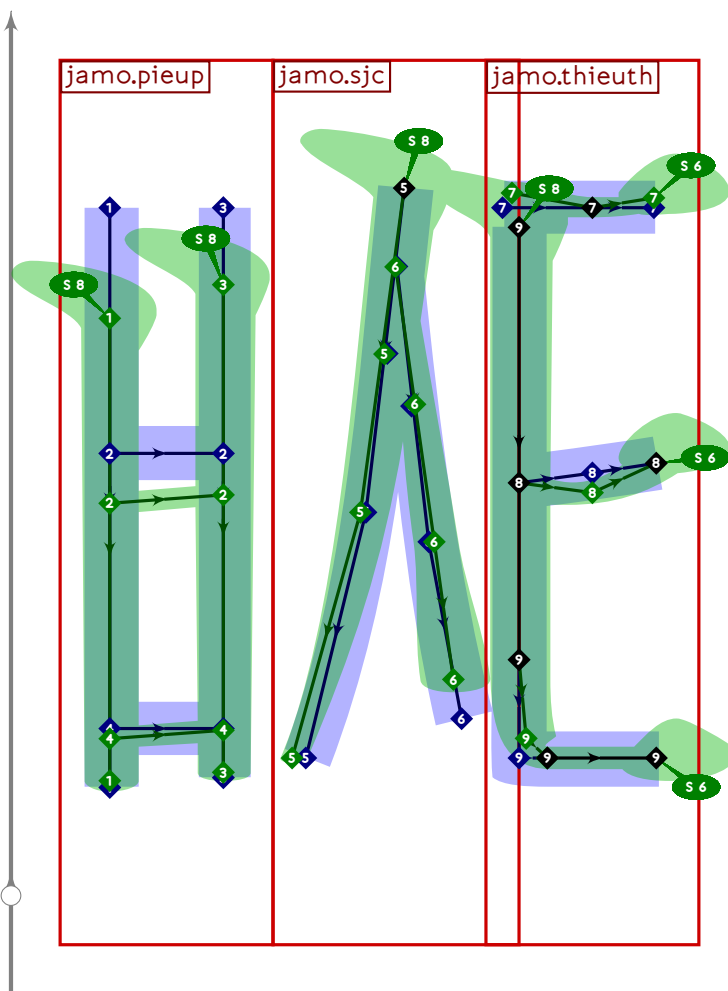
```

733 % hangul lead mieum-sios
734 begintsuglyph("uniA971.lj4",113);
735   hangul.combine.lr(106,109)(whatever,lixf,loxf);
736   tsu_render;
737 endsuglyph;
738

```

U+FF572  
jieub.uniA972.lj4

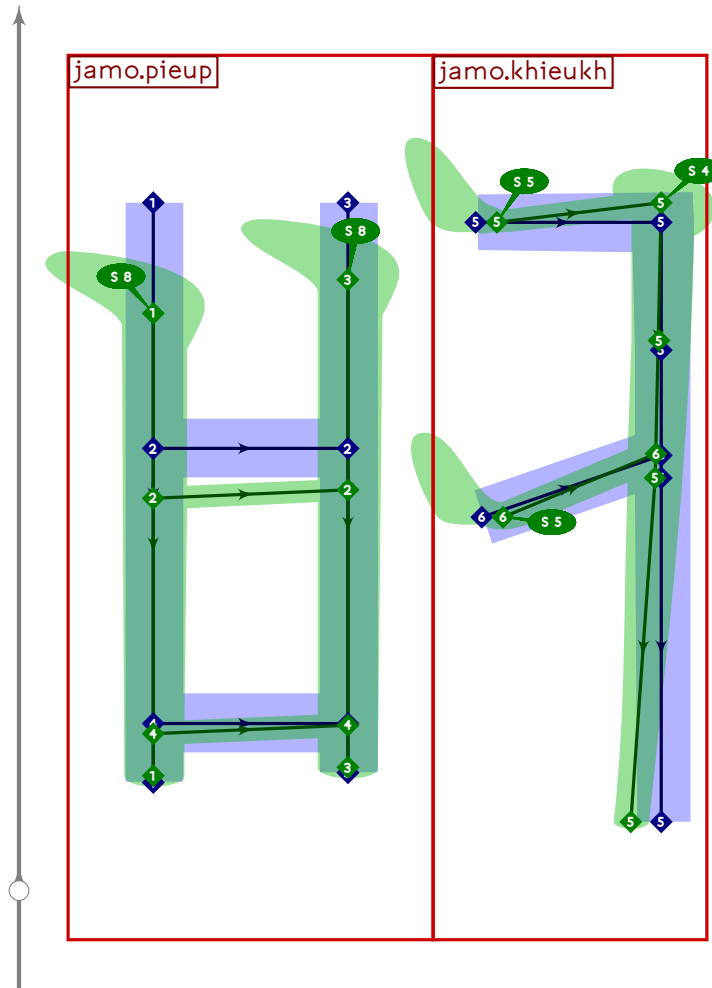
FF5



```

739 % hangul lead pieup-sios-thieuth
740 begintsuglyph("uniA972.lj4";114);
741   hangul.combine.lcr(207,209,116)(whatever,lixf,loxf);
742   tsu_render;
743 endtsuglyph;
744

```



FF5

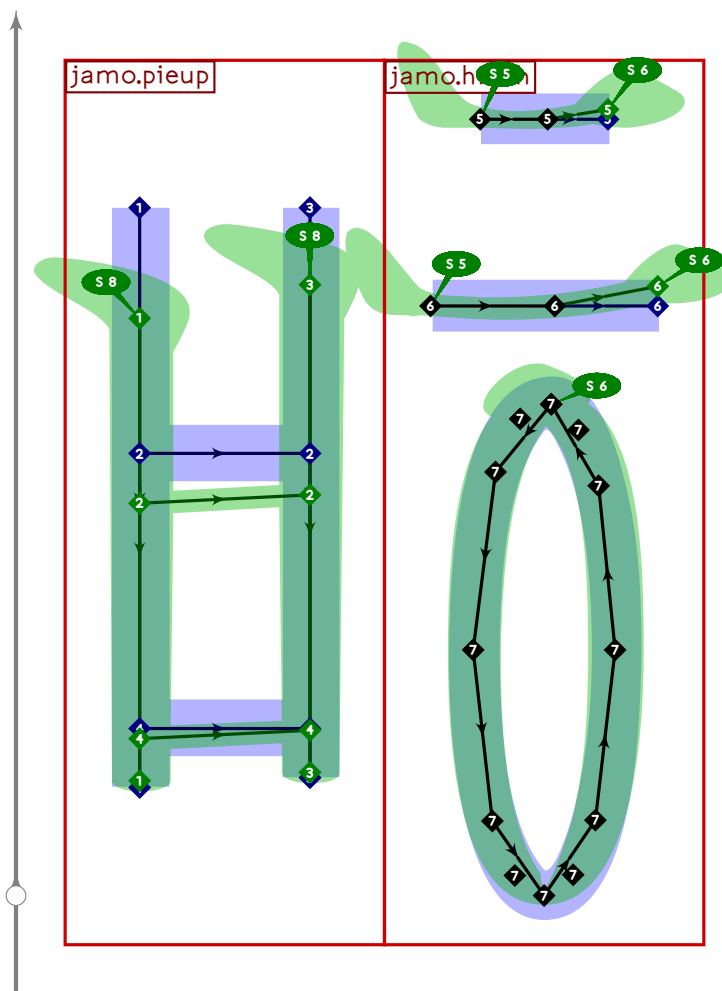
```

745 % hangul lead pieup-khieukh
746 begintsuglyph("uniA973.lj4",115);
747   hangul.combine.lr(207,115)(whatever,lixf,loxf);
748   tsu_render;
749 endtsuglyph;
750

```

U+FF574  
jieub.uniA974.lj4

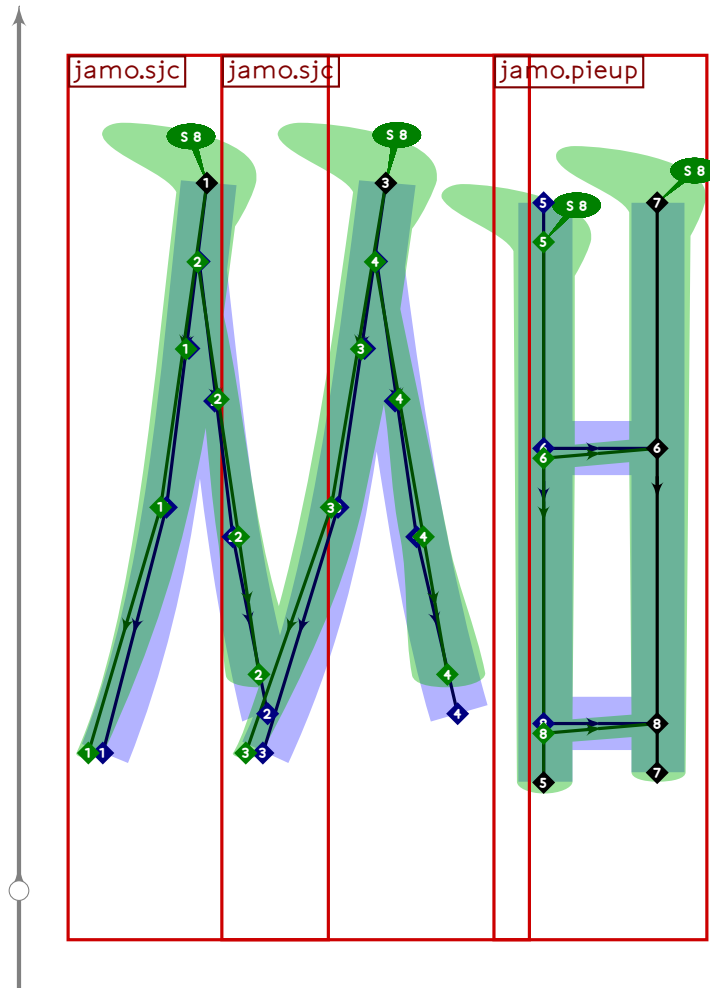
FF5



```

751 % hangul lead pieup-hieuh
752 begintsuglyph("uniA974.lj4",116);
753   hangul.combine.lr(207,118)(whatever,lixf,loxf);
754   tsu_render;
755 endtsuglyph;
756

```



FF5

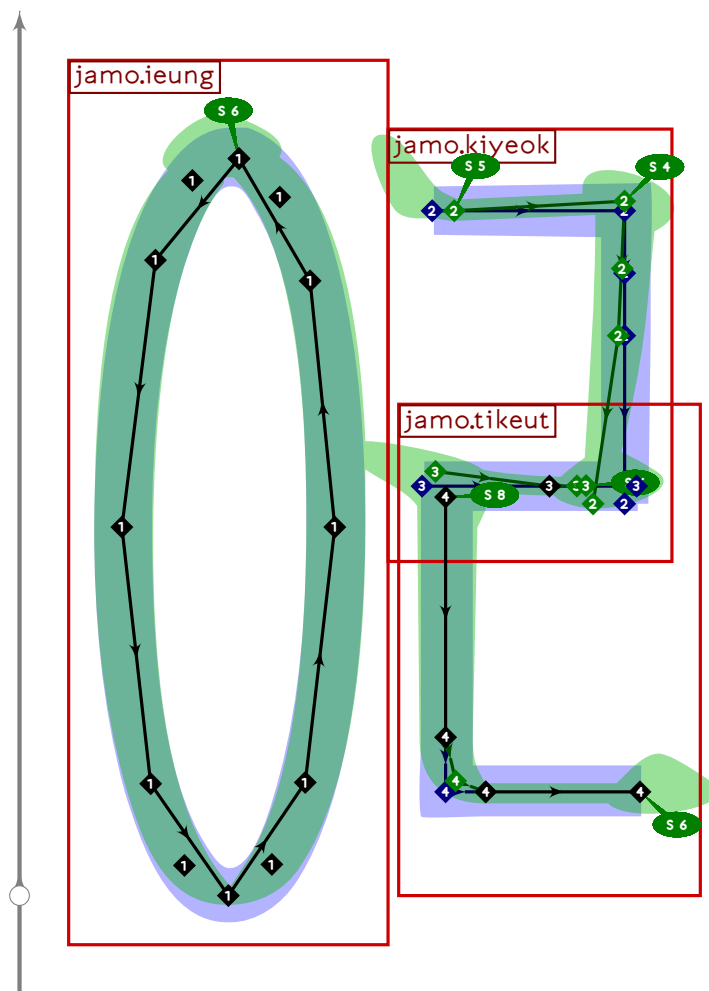
```

757 % hangul lead ssangsios-pieup
758 begintsuglyph("uniA975.lj4",117);
759 hangul.combine.lcr(209,209,107)(whatever,lixf,loxf);
760 tsu_render;
761 endsuglyph;
762

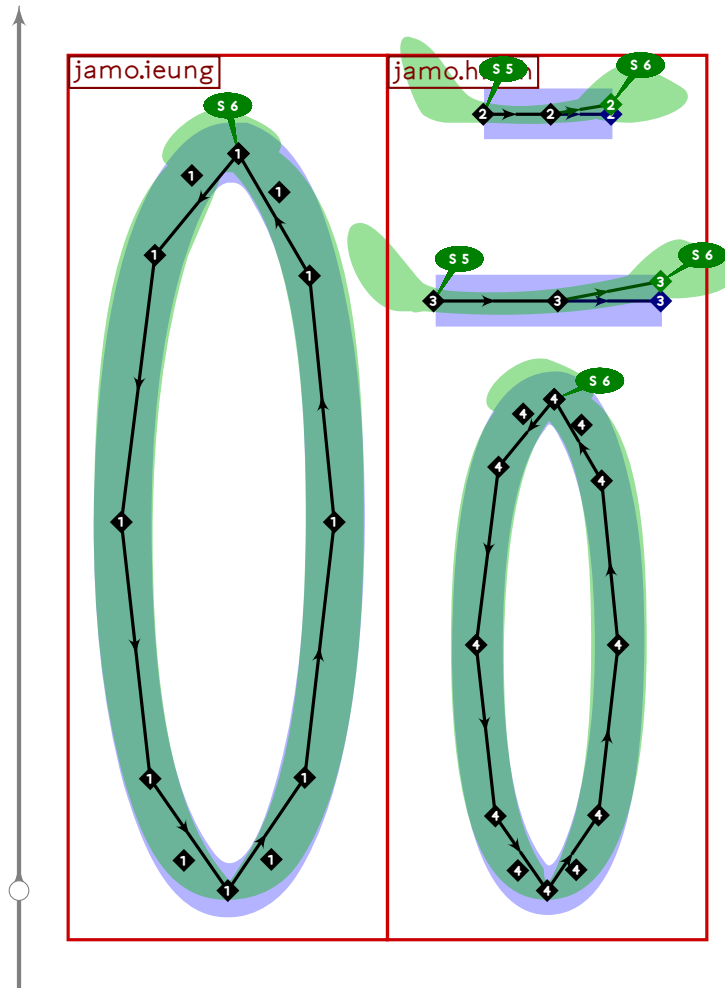
```

U+FF576  
jieub.uniA976.lj4

FF5



```
763 % hangul lead ieung-rieul
764 begintsuglyph("uniA976.lj4",118);
765 hangul.combine.lr(111,105)(whatever,lixf,loxf);
766 tsu_render;
767 endtsuglyph;
768
```



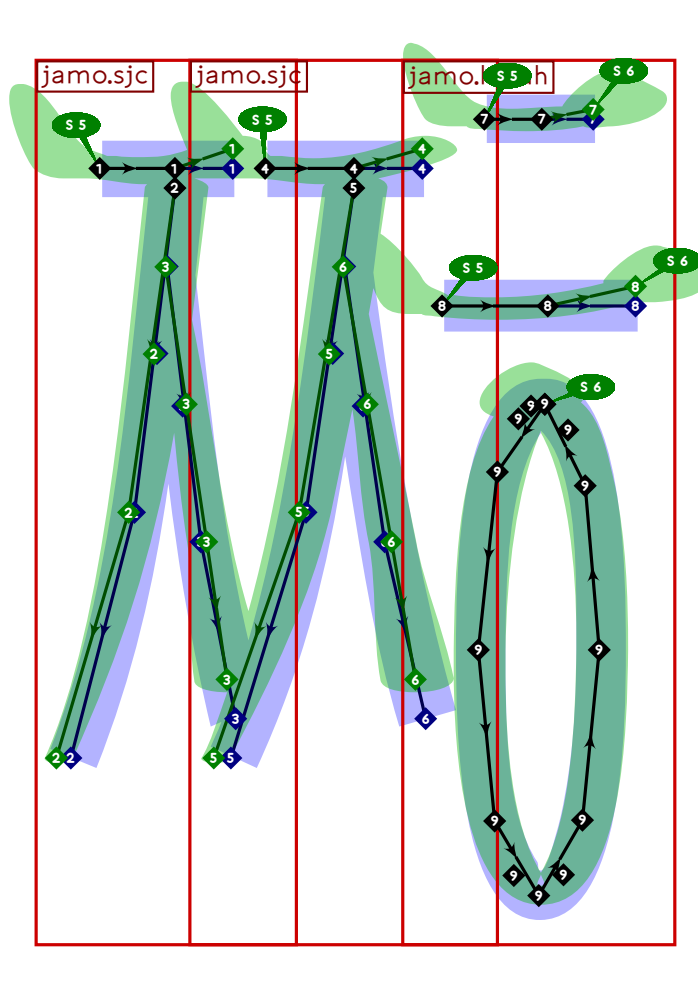
FF5

```

769 % hangul lead ieung-hieuh
770 begintsuglyph("uniA977.lj4",119);
771 hangul.combine.lr(111,118)(whatever,lixf,loxf);
772 tsu_render;
773 endsuglyph;
774

```

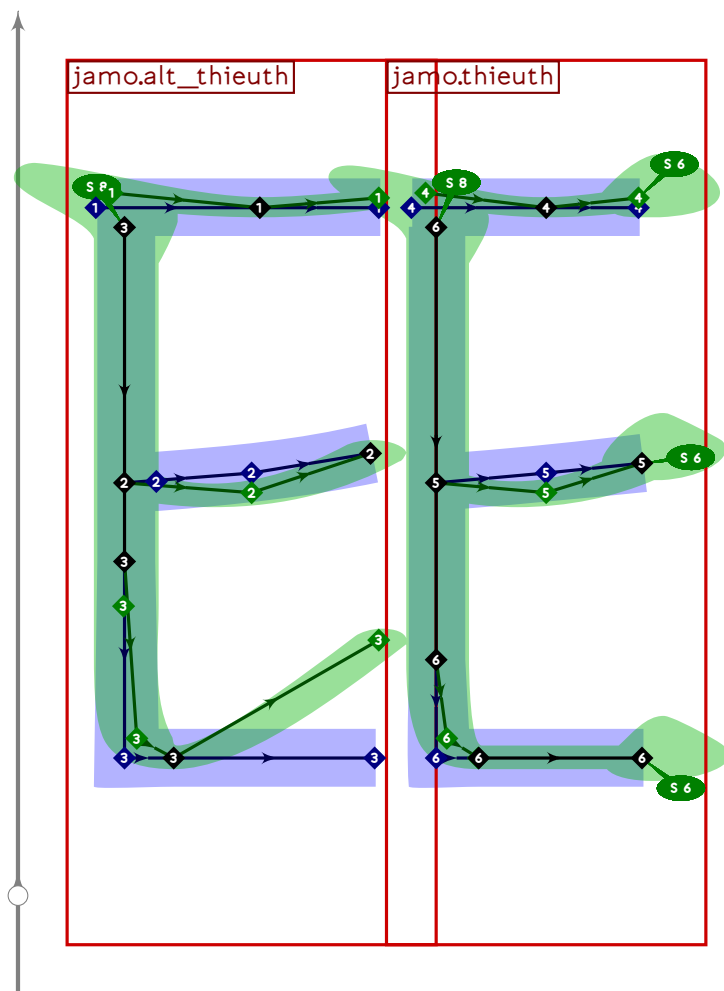
U+FF578  
jieub.uniA978.lj4



FF5

```
775 % hangul lead ssangcieuc-hieuh
776 begintsuglyph("uniA978.lj4";120);
777 hangul.combine.lcr(212,212,118)(whatever,lixf,loxf);
778 tsu_render;
779 endtsuglyph;
780
```





FF5

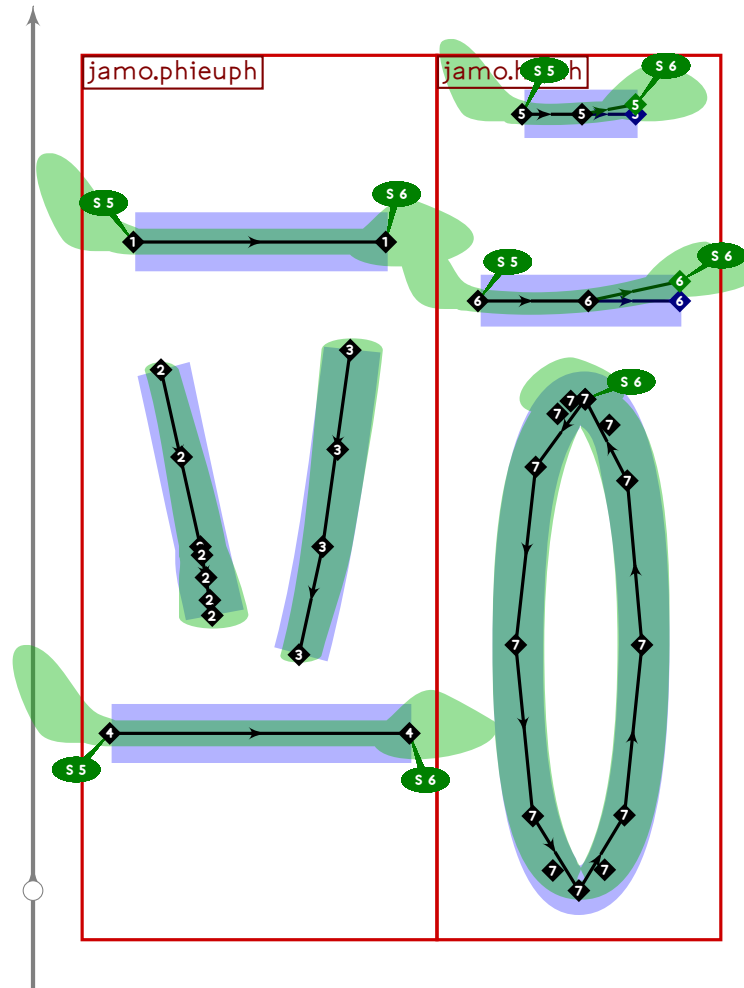
```

781 % hangul lead ssangthieuth
782 begintsuglyph("uniA979.lj4",121);
783 hangul.combine.lr(216,116)(whatever,lixf,loxf);
784 tsu_render;
785 endtsuglyph;
786

```

U+FF57A  
jieub.uniA97A.lj4

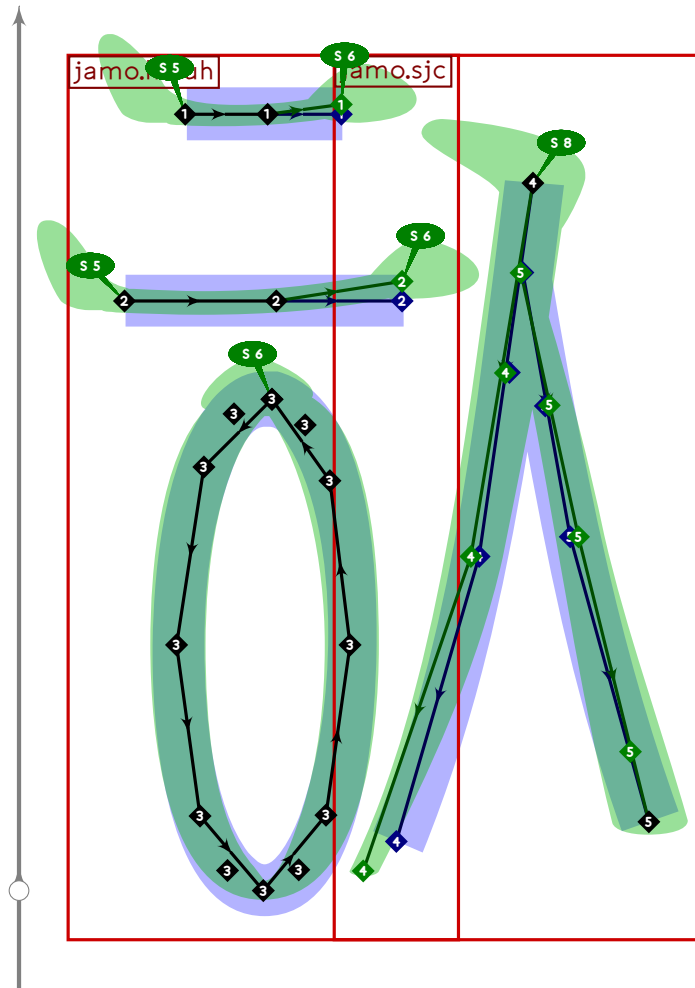
FF5



```

787 % hangul lead phieuph-hieuh
788 begintsuglyph("uniA97A.lj4",122);
789   hangul.combine.lcr(117,230,118)(whatever,lixf,loxf);
790   tsu_render;
791 endsuglyph;
792

```



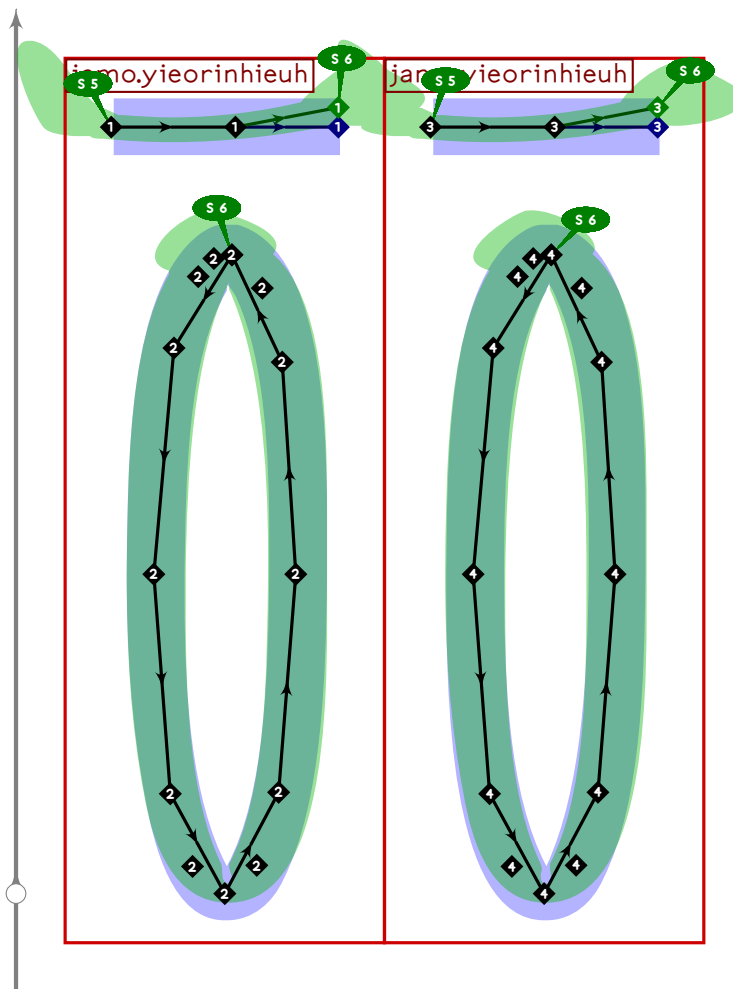
FF5

```

793 % hangul lead hieuh-sios
794 begintsuglyph("uniA97B.lj4";123);
795   hangul.combine.lr(118,109)(whatever,lixf,loxf);
796   tsu_render;
797 endtsuglyph;
798

```

FF5



```

799 % hangul lead ssangyeorinhieuh
800 begintsuglyph("uniA97C.lj4",124);
801   hangul.combine.lcr(221,230,221)(whatever,lixf,loxf);
802   tsu_render;
803 endsuglyph;
804
805 _____
806
807 endfont;
808
809 _____

```

## jieub-ff6.mp

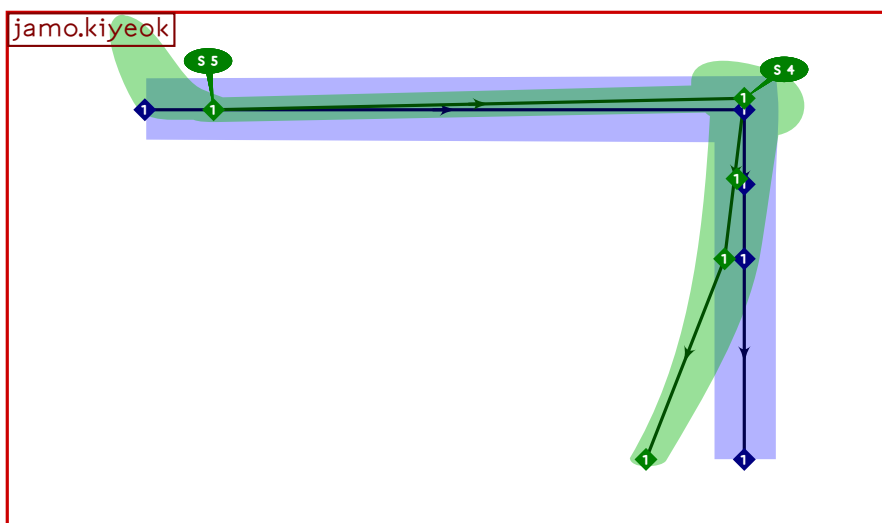
```
1 %
2 % Unicode page FF6 (alternate lead jamo) for Jieubsida
3 % Copyright (C) 2011, 2012 Matthew Skala
4 %
5-29 [Standard copyright notice]
30
31
32
33 beginfont
34
35 % AUTODEPS
36 input hangul.mp;
37 input jamo-basic.mp;
38 input jamo-extra.mp;
39
40 do_late_includes;
41
42
43
44 % This file contains leads for layout 5: horizontal vowel and empty tail.
45
46 transform lixf,loxf;
47
48 lixf=loxf=hxf((50,850),(950,325));
49
50
51
```

FF6

## Hangul Choseong (Lead) Jamo

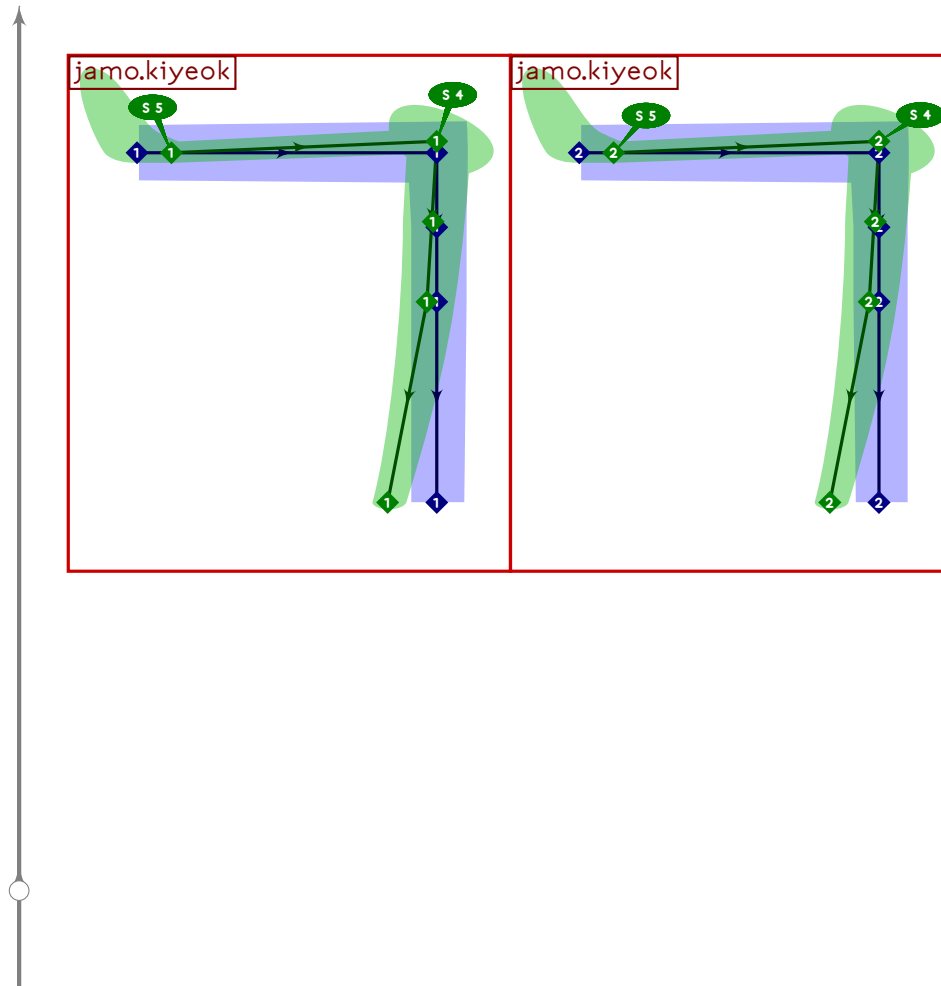
```
52 % HANGUL CHOSEONG (LEAD) JAMO
53
54 tsu_rescale_native_zero;
55
```

U+FF600  
jieub.uni1100.lj5



FF6

```
56 % hangul lead kiyeok
57 begint Suglyph("uni1100.lj5";0);
58   hangul.jamo.kiyeok(whatever,lixf,loxf);
59   tsu_render;
60 endtsuglyph;
61
```

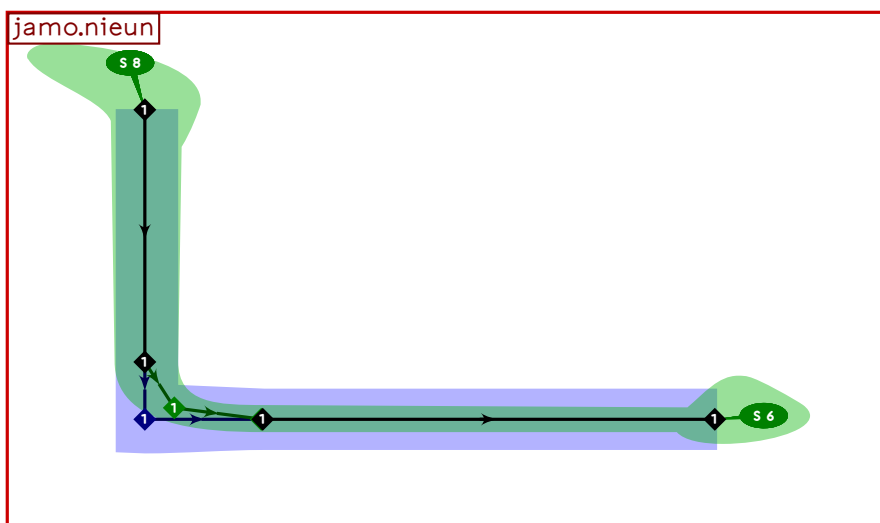


```

62 % hangul lead ssangkiyeok
63 begintsuglyph("uni1101.lj5",1);
64   hangul.combine.lr(100,100)(whatever,lixf,loxf);
65   tsu_render;
66 endsuglyph;
67

```

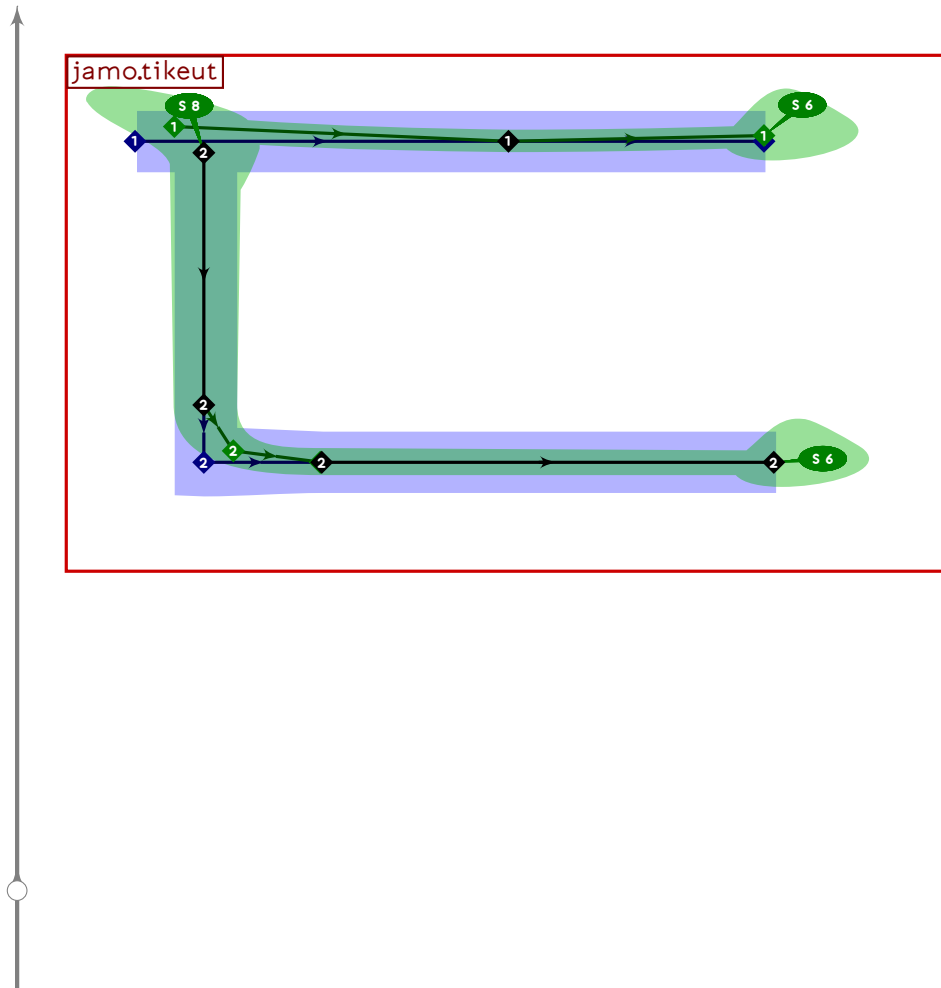
U+FF602  
jieub.uni1102.lj5



FF6

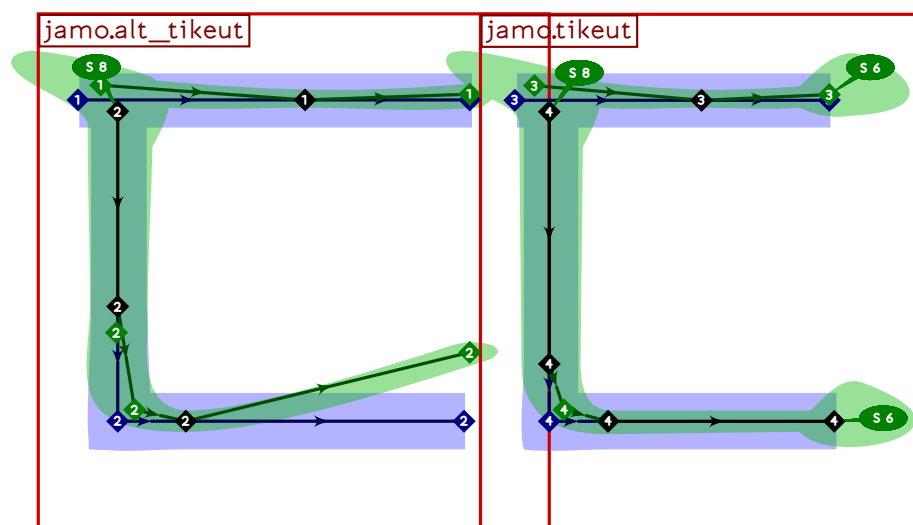
```
68 % hangul lead nieun
69 beginsuglyph("uni1102.lj5",2);
70 hangul.jamo.nieun(whatever,lix,loxf);
71 tsu_render;
72 endsuglyph;
73
```





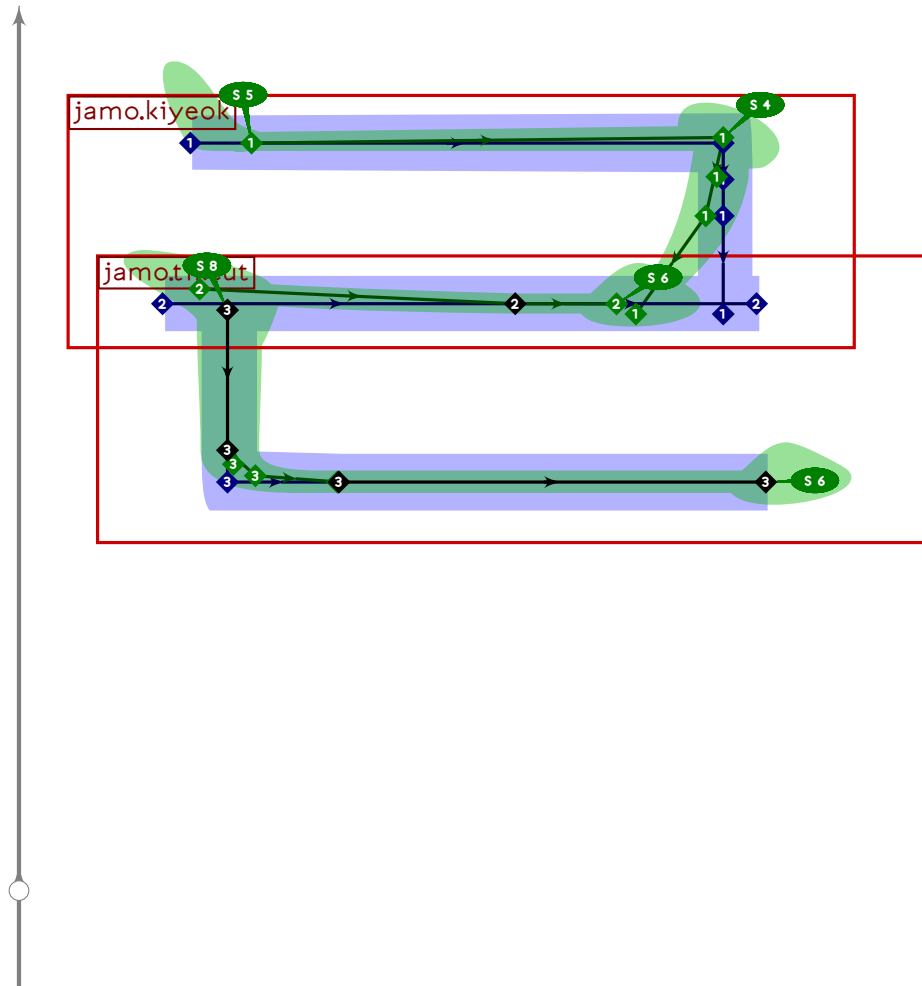
```
74 % hangul lead tikeut
75 beginsuglyph("uni1103.lj5";3);
76 hangul.jamo.tikeut(whatever,lixf,loxf);
77 tsu_render;
78 endsuglyph;
79
```

U+FF604  
jieub.uni1104.lj5



FF6

```
80 % hangul lead ssangtikeut
81 begintsuglyph("uni1104.lj5";4);
82   hangul.combine.lr(203,103)(whatever,lixf,loxf);
83   tsu_render;
84 endtsuglyph;
85
```



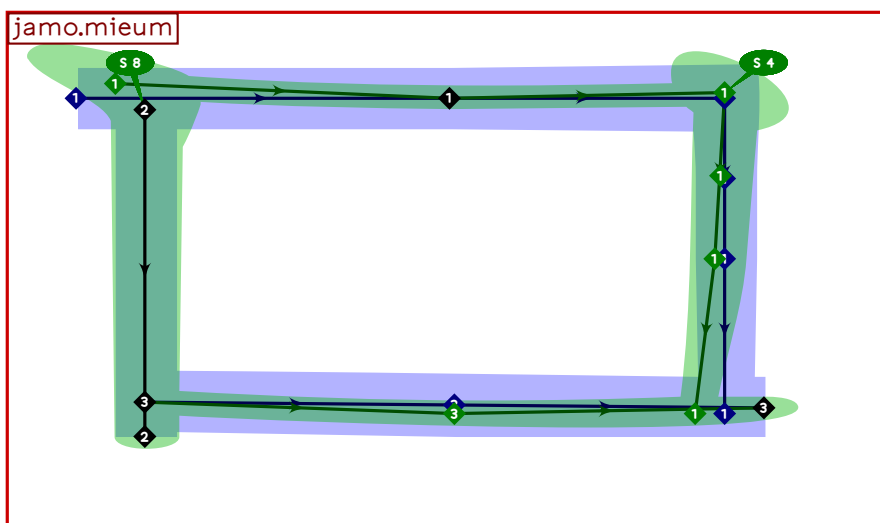
FF6

```

86 % hangul lead rieul
87 begintsuglyph("uni1105.lj5",5);
88   hangul.jamo.rieul(whatever,lixf,loxf);
89   tsu_render;
90 endsuglyph;
91

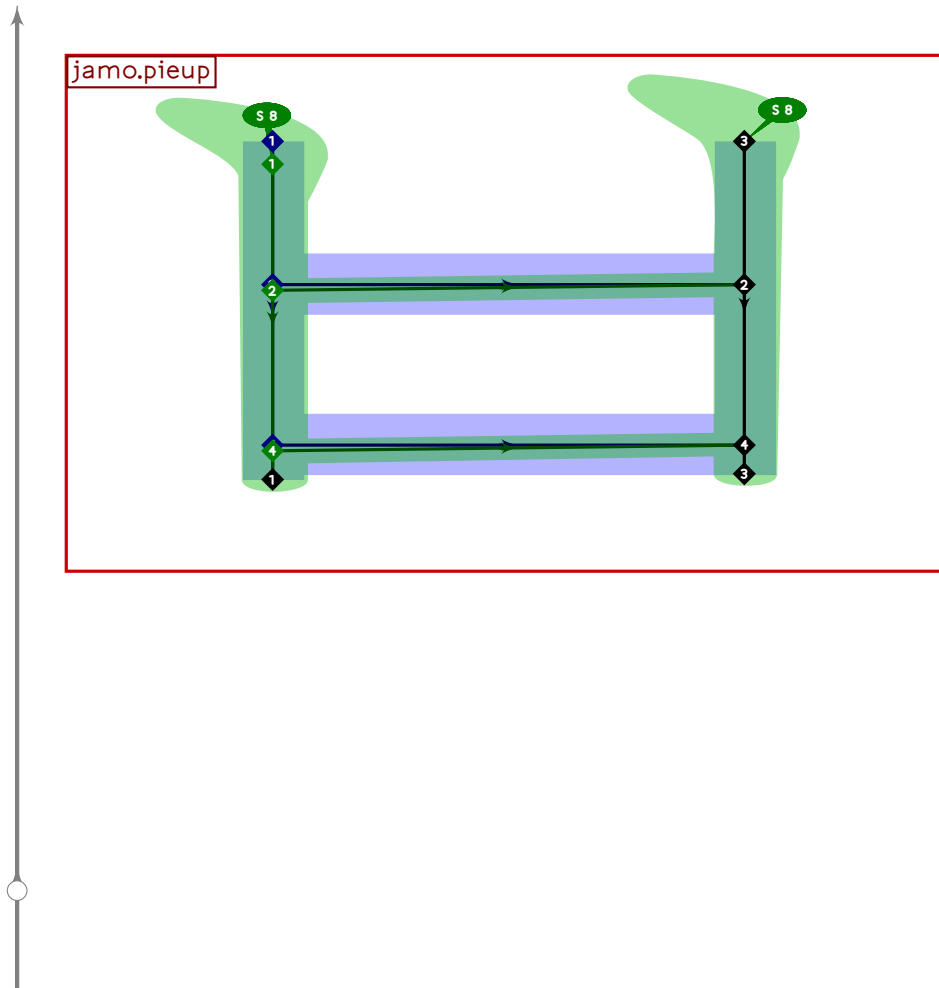
```

U+FF606  
jieub.uni1106.lj5



FF6

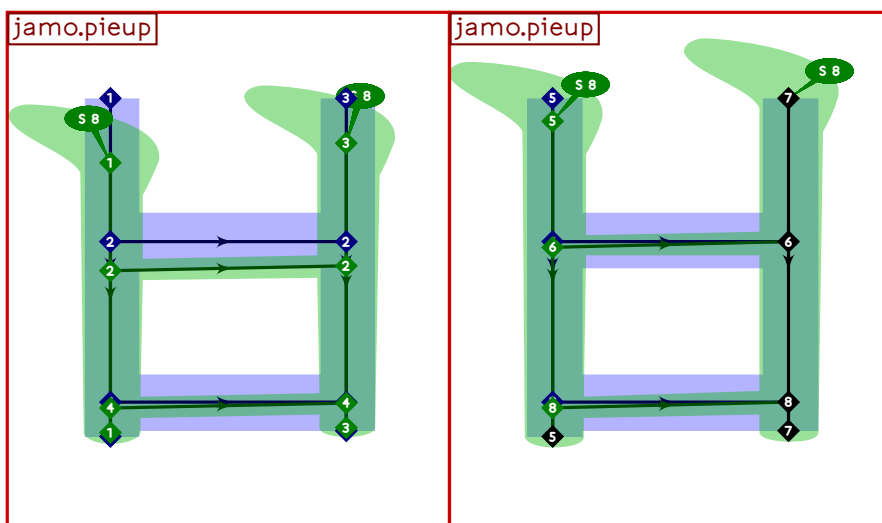
```
92 % hangul lead mieum
93 beginsuglyph("uni1106.lj5",6);
94 hangul.jamo.mieum(whatever,lixf,loxf);
95 tsu_render;
96 endsuglyph;
97
```



FF6

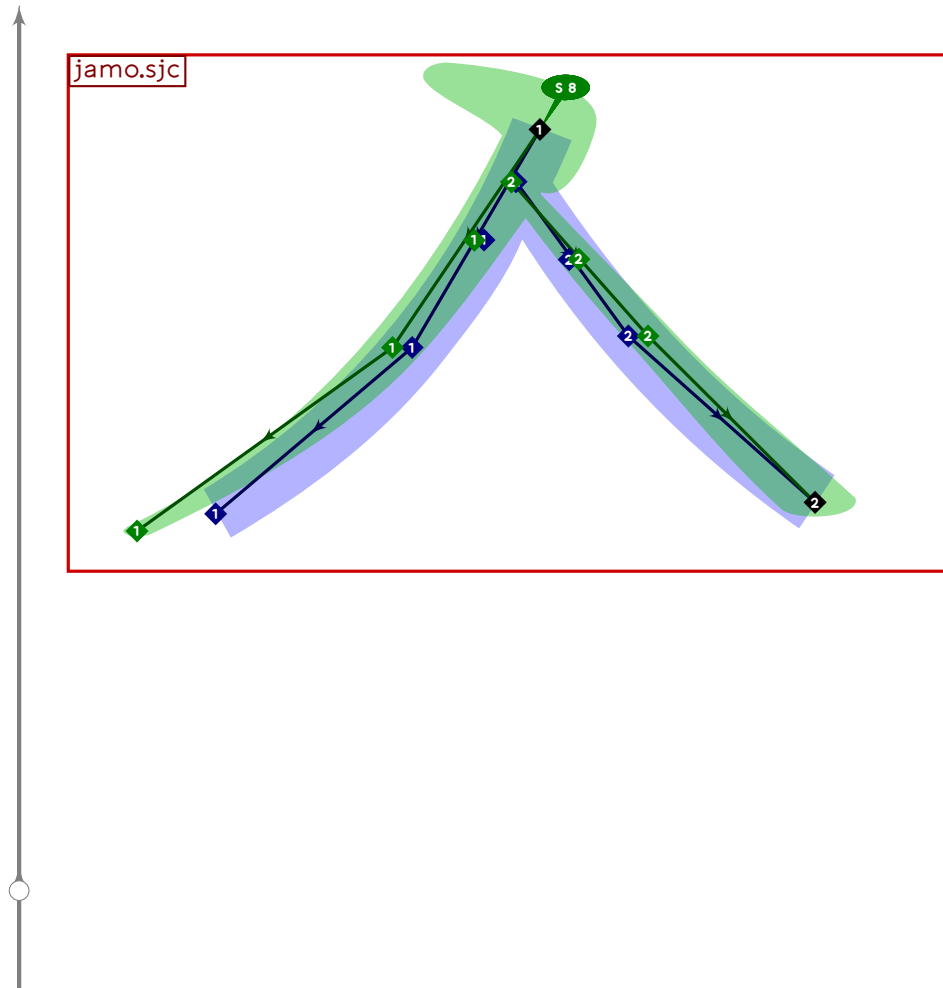
```
98 % hangul lead pieup
99 beginsuglyph("uni1107.lj5";7);
100 hangul.jamo.pieup(whatever,lixf,loxf);
101 tsu_render;
102 endsuglyph;
103
```

U+FF608  
jieub.uni1108.lj5



FF6

```
104 % hangul lead ssangpieup
105 begintsuglyph("uni1108.lj5",8);
106 hangul.combine.lr(207,107)(whatever,lixf,loxf);
107 tsu_render;
108 endtsuglyph;
109
```



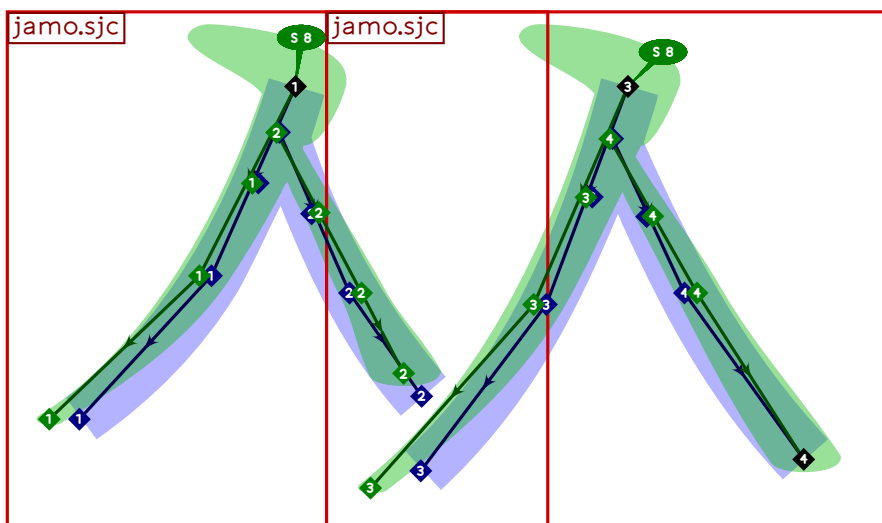
```

110 % hangul lead sios
111 begintsuglyph("uni1109.lj5";9);
112   hangul.jamo.sjc(0,0,false)(whatever,lixf,loxf);
113   tsu_render;
114 endsuglyph;
115

```

FF6

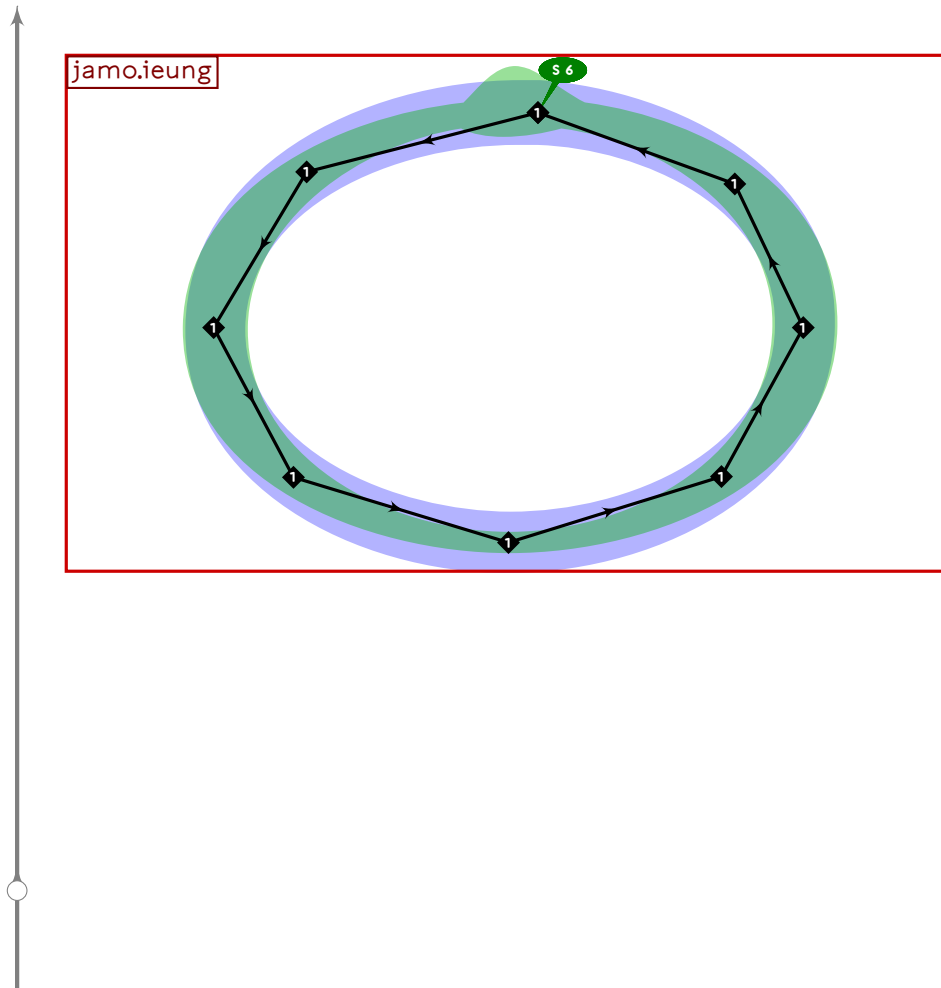
U+FF60A  
jieub.uni110A.lj5



FF6

```
116 % hangul lead ssangsios
117 begintsuglyph("uni110A.lj5";10);
118 hangul.combine.lr(209,109)(whatever,lixf,loxf);
119 tsu_render;
120 endtsuglyph;
121
```

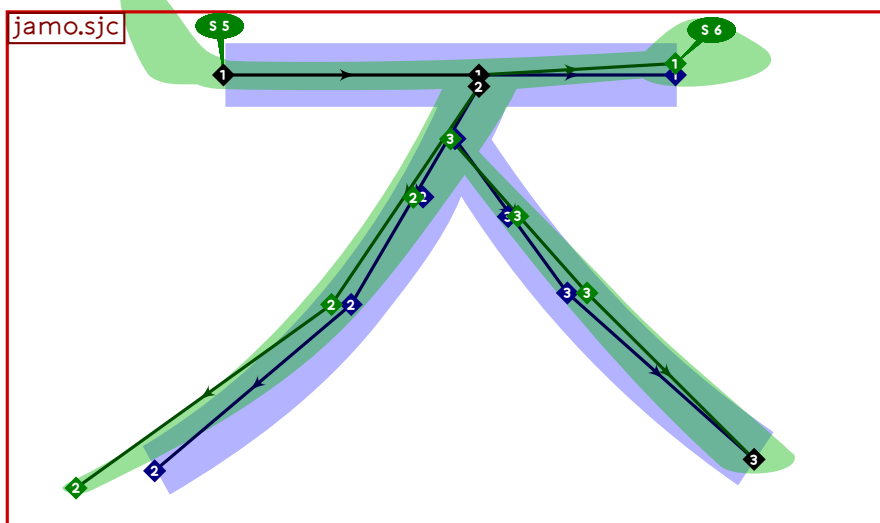




```
122 % hangul lead ieung
123 beginsuglyph("uni110B.lj5",11);
124   hangul.jamo.ieung(whatever,lixf,loxf);
125   tsu_render;
126 endsuglyph;
127
```

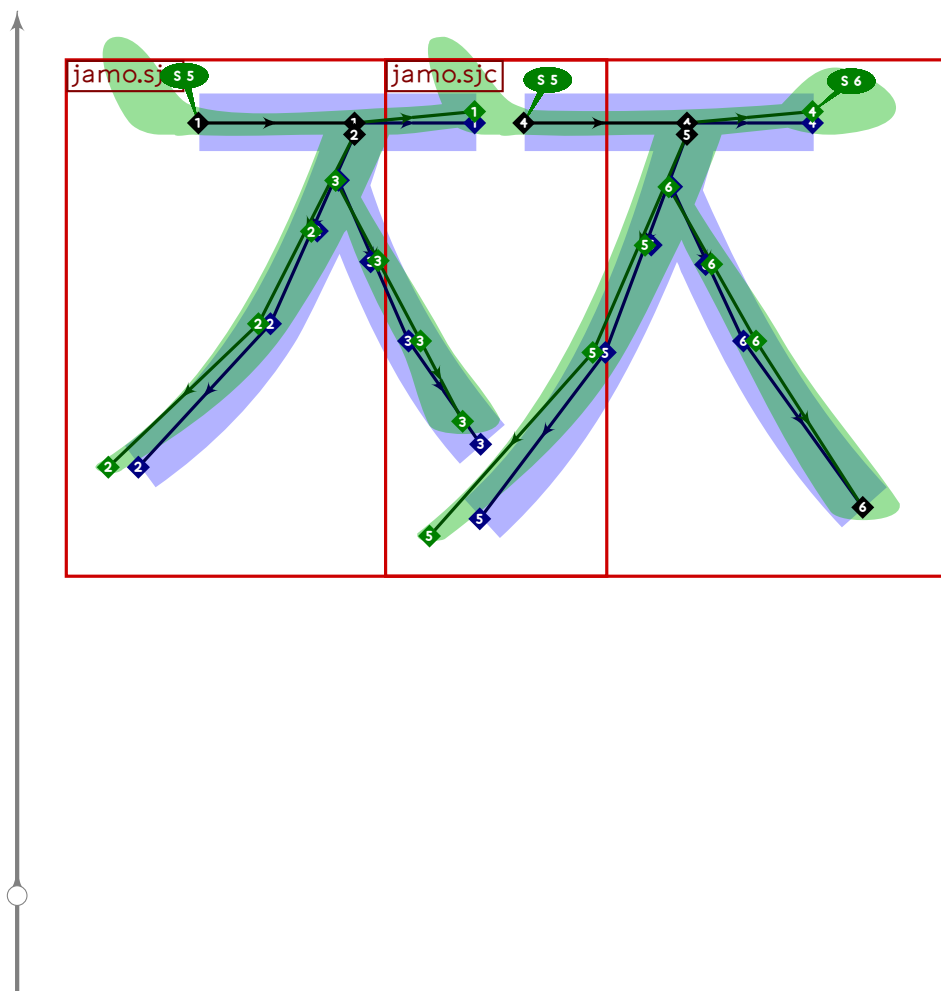
FF6

U+FF60C  
jieub.uni110C.lj5



FF6

```
128 % hangul lead cieuc
129 begintsuglyph("uni110C.lj5";12);
130 hangul.jamo.sjc(1,0,false)(whatever,lixf,loxf);
131 tsu_render;
132 endsuglyph;
133
```

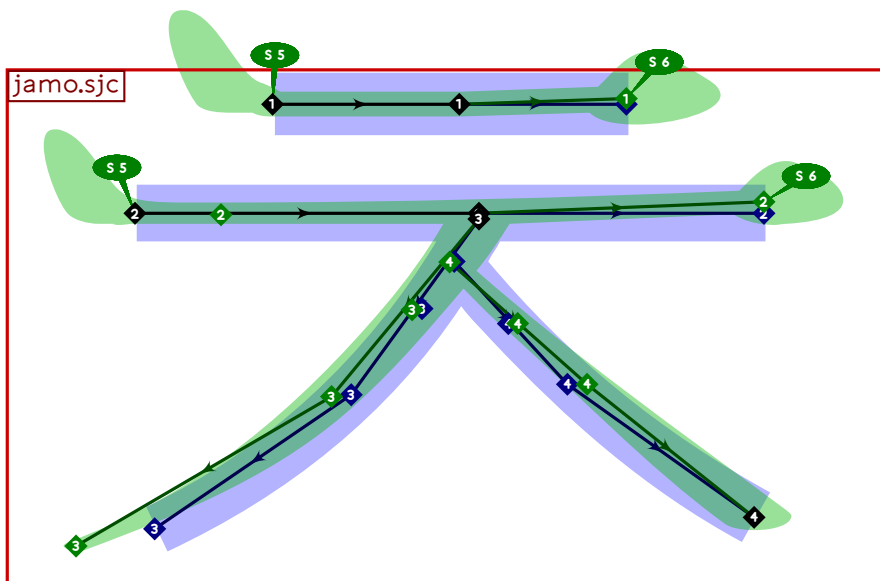


```

134 % hangul lead ssangcieuc
135 begintsuglyph("uni110D.lj5",13);
136   hangul.combine.lr(212,112)(whatever,lixf,loxf);
137   tsu_render;
138 endsuglyph;
139

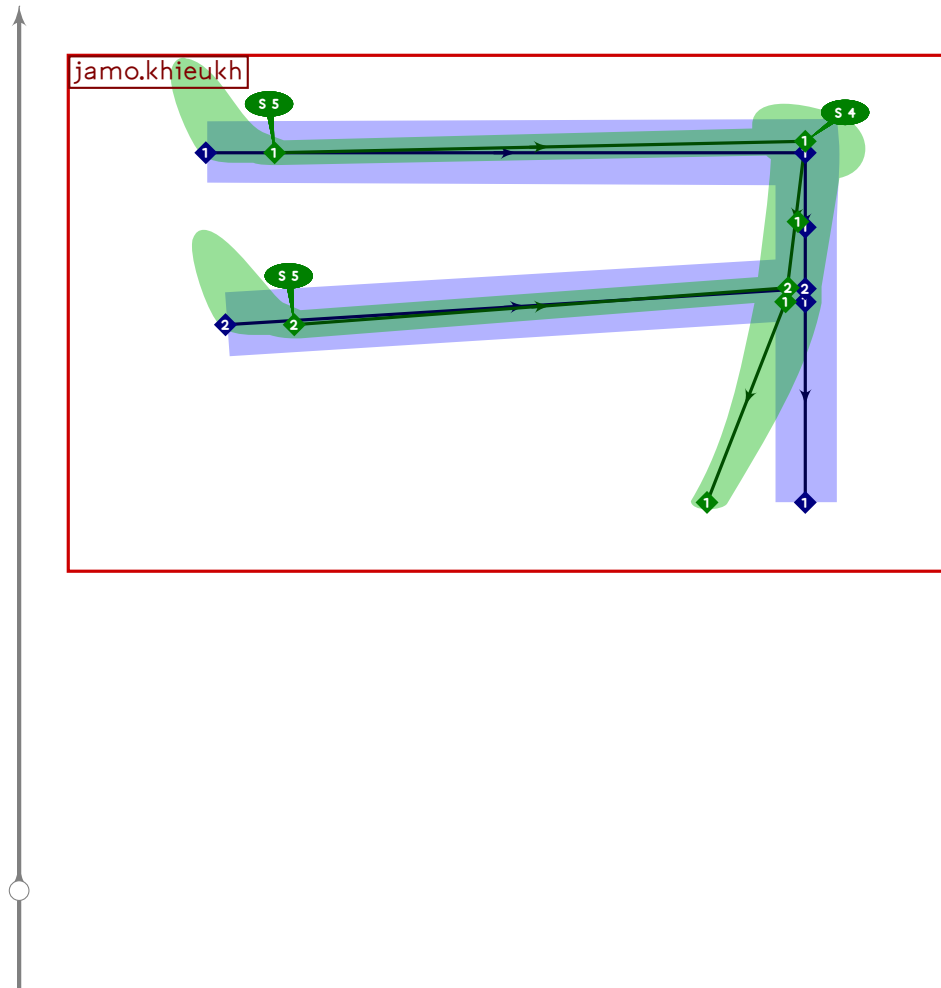
```

U+FF60E  
jieub.uni110E.lj5



FF6

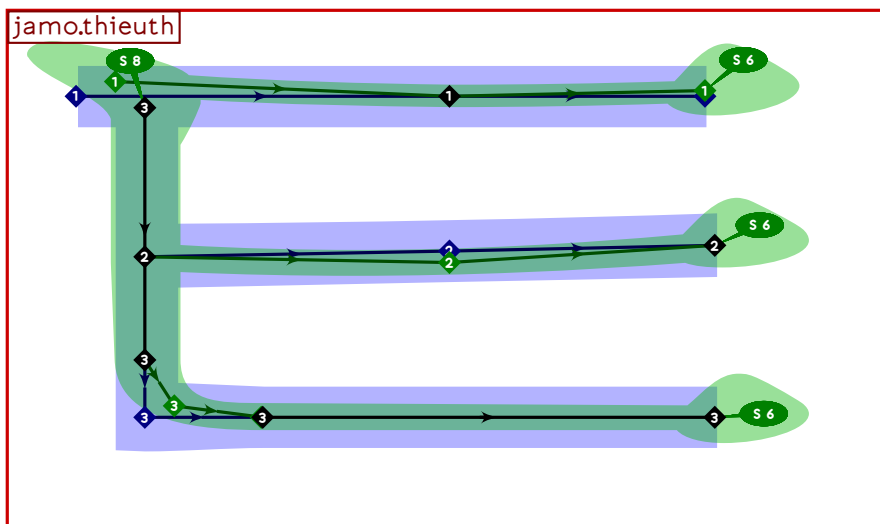
```
140 % hangul lead chieuch
141 begintsuglyph("uni110E.lj5",14);
142   hangul.jamo.sjc(2,0,false)(whatever,lixf,loxf);
143   tsu_render;
144 endsuglyph;
145
```



```
146 % hangul lead khieukh
147 begintsuglyph("uni110F.lj5",15);
148 hangul.jamo.khieukh(whatever,lixf,loxf);
149 tsu_render;
150 endtsuglyph;
151
```

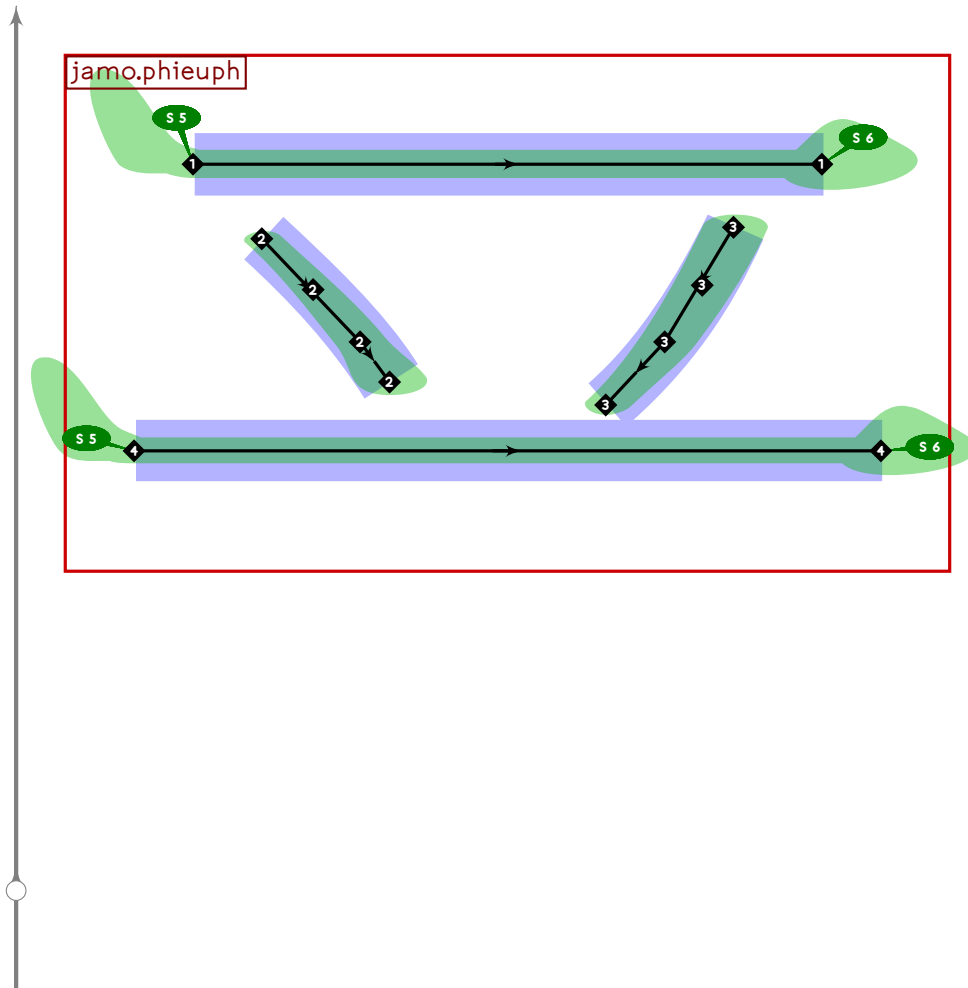
FF6

U+FF610  
jieub.uni1110.lj5



FF6

```
152 % hangul lead thieuth
153 beginsuglyph("uni1110.lj5",16);
154 hangul.jamo.thieuth(whatever,lixf,loxf);
155 tsu_render;
156 endsuglyph;
157
```

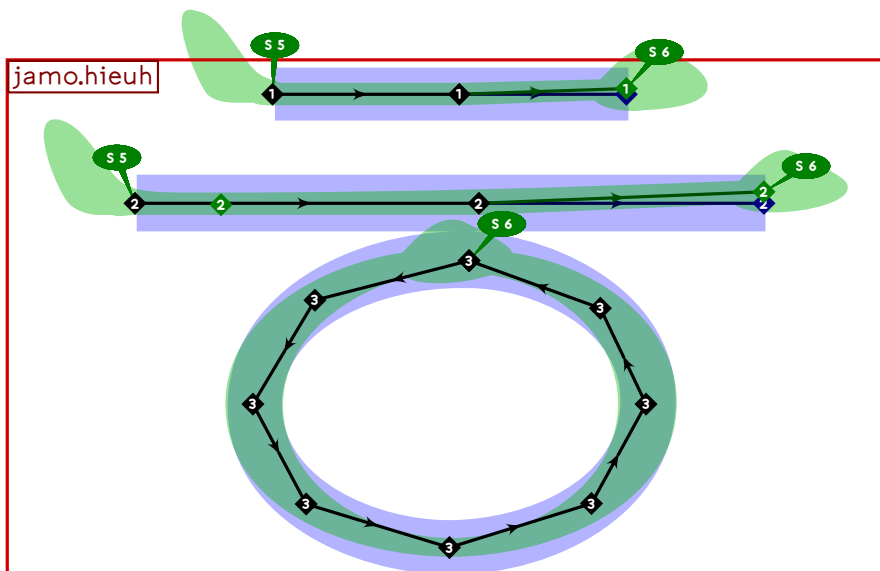


```

158 % hangul lead phieuph
159 begint Suglyph("uni1111.lj5",17);
160 hangul.jamo.phieuph(whatever,lixf,loxf);
161 tsu_render;
162 endtsuglyph;
163

```

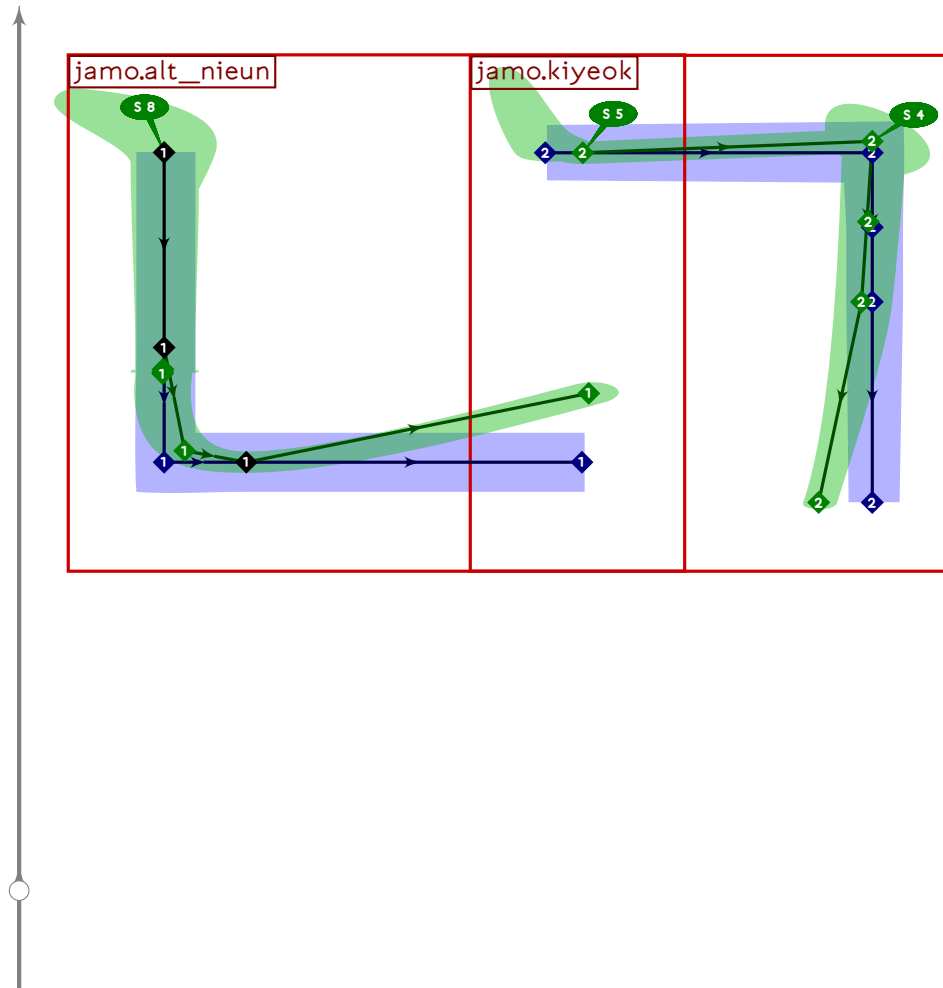
U+FF612  
jieu.uni1112.lj5



FF6

```
164 % hangul lead hieuh
165 beginsuglyph("uni1112.lj5",18);
166   hangul.jamo.hieuh(whatever,lixf,loxf);
167   tsu_render;
168 endsuglyph;
169
```





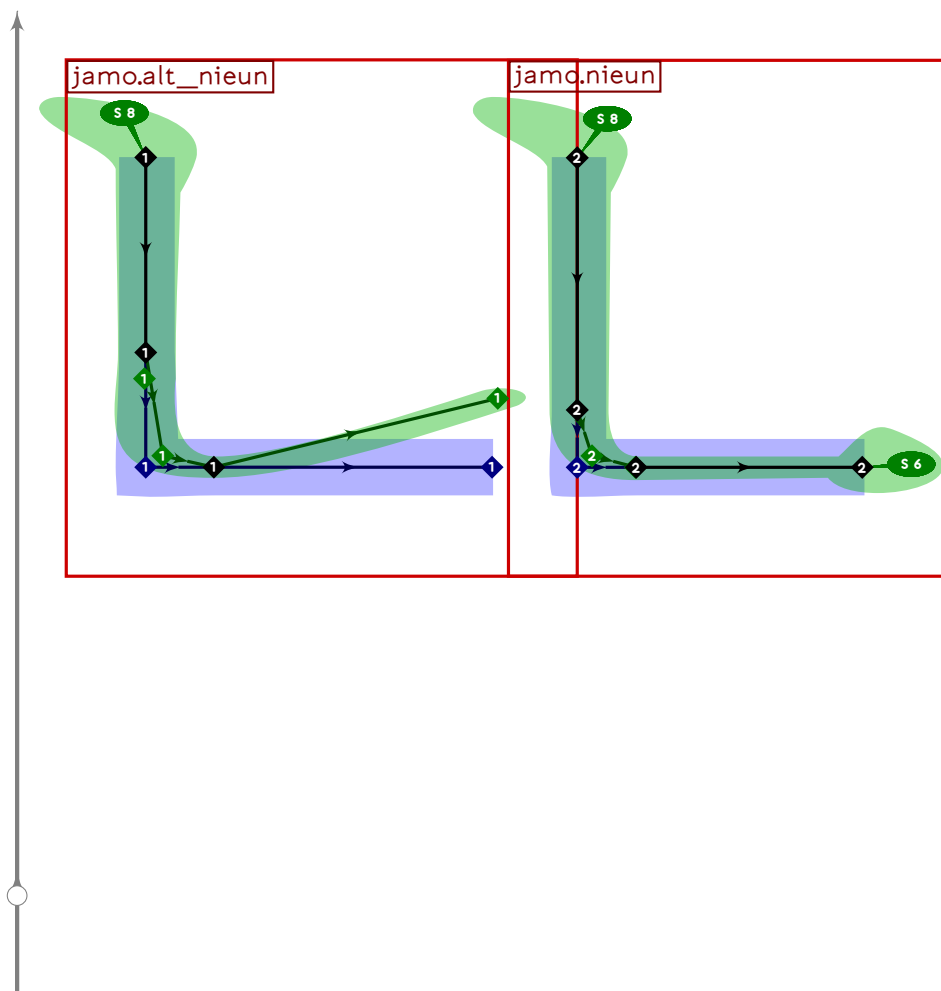
FF6

```

170 % hangul lead nieun-kiyeok
171 begint Suglyph("uni1113.lj5";19);
172   hangul.combine.lr(202,100)(whatever,lixf,loxf);
173   tsu_render;
174 endtsuglyph;
175

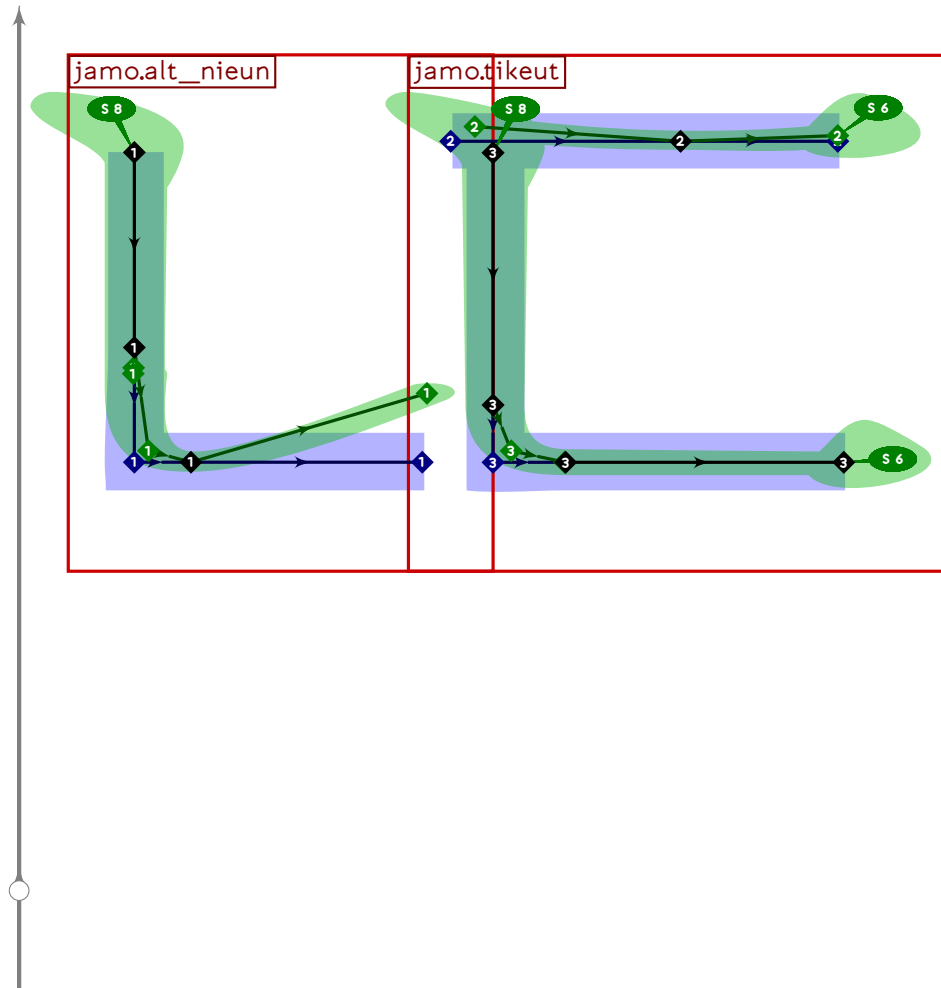
```

U+FF614  
jieub.uni1114.lj5



FF6

```
176 % hangul lead ssangnieun
177 begintsuglyph("uni1114.lj5";20);
178 hangul.combine.lr(202,102)(whatever,lixf,loxf);
179 tsu_render;
180 endtsuglyph;
181
```



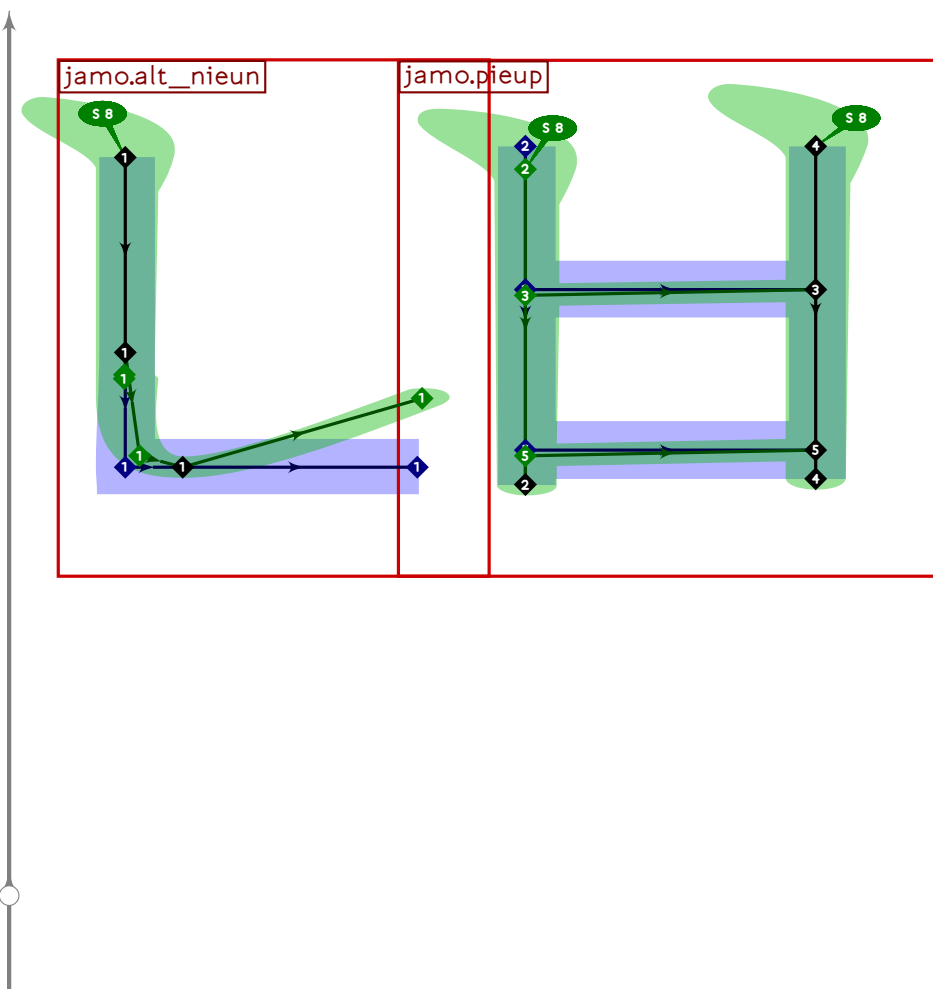
FF6

```

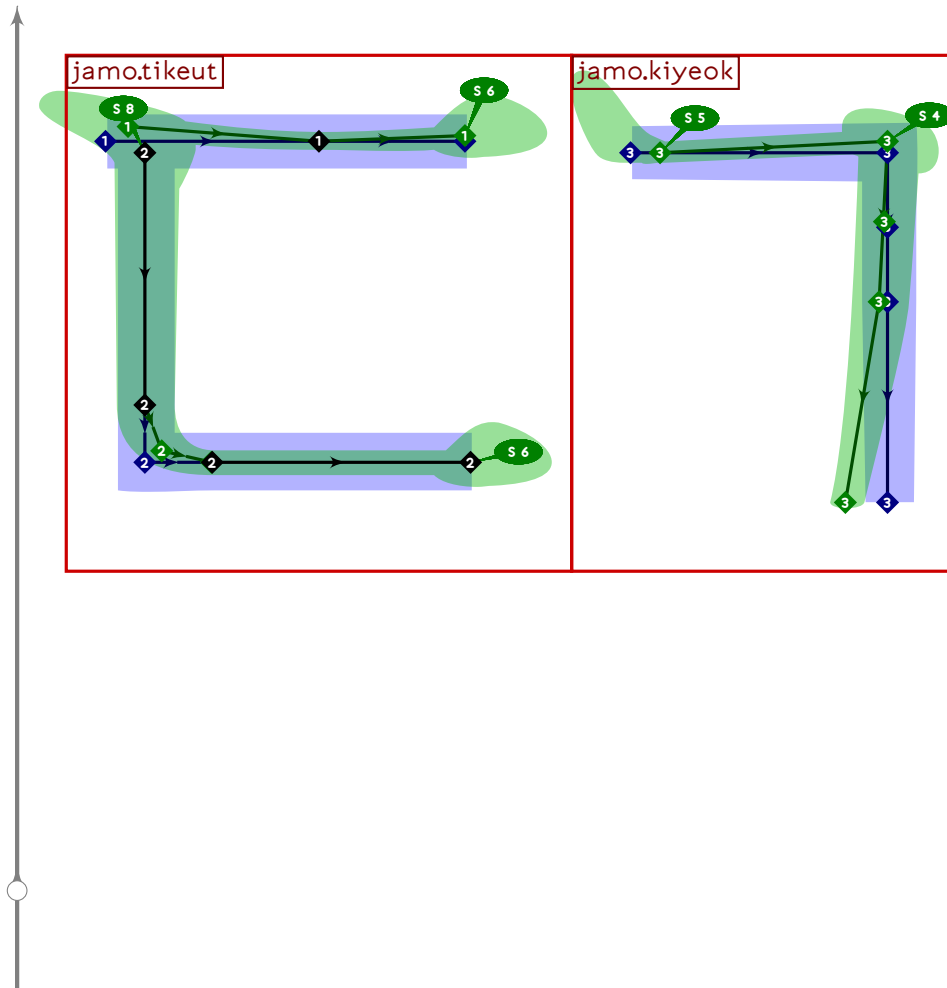
182 % hangul lead nieun-tikeut
183 begintsuglyph("uni1115.lj5";21);
184 hangul.combine.lr(202,103)(whatever,lixf,loxf);
185 tsu_render;
186 endtsuglyph;
187

```

U+FF616  
jieub.uni1116.lj5



```
188 % hangul lead nieun-pieup
189 begintsuglyph("uni1116.lj5";22);
190 hangul.combine.lr(202,107)(whatever,lixf,loxf);
191 tsu_render;
192 endtsuglyph;
193
```



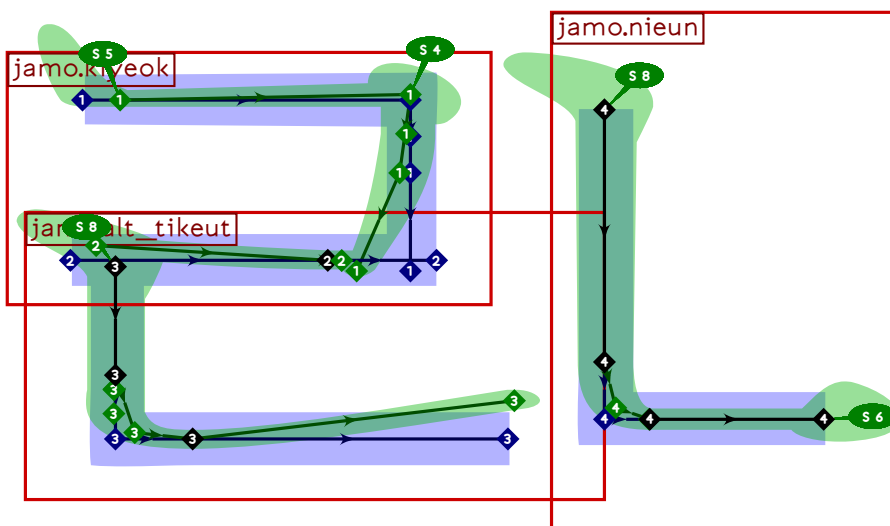
FF6

```

194 % hangul lead tikeut-kiyeok
195 beginsuglyph("uni1117.lj5",23);
196 hangul.combine.lr(103,100)(whatever,lixf,loxf);
197 tsu_render;
198 endsuglyph;
199

```

U+FF618  
jjeub.uni1118.lj5

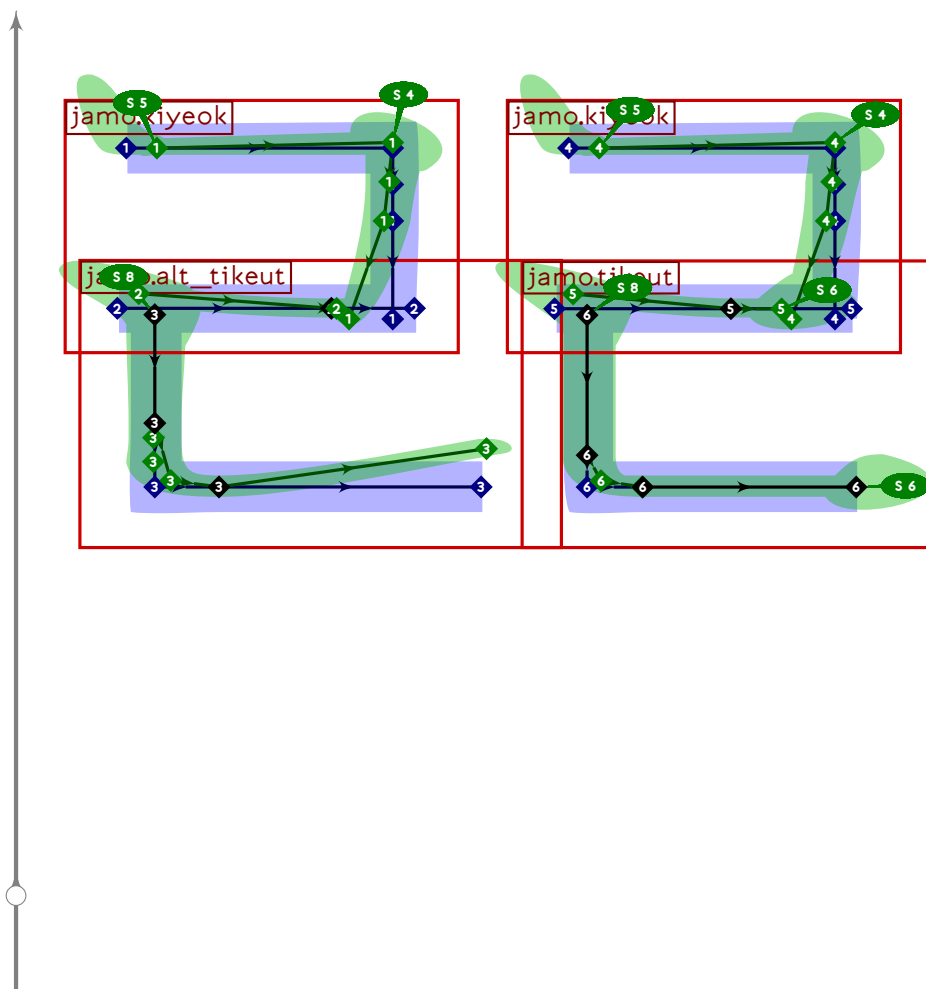


FF6

```

200 % hangul lead rieul-nieun
201 beginsuglyph("uni1118.lj5";24);
202   hangul.combine.lr(205,102)(whatever,lixf,loxf);
203   tsu_render;
204 endsuglyph;
205

```



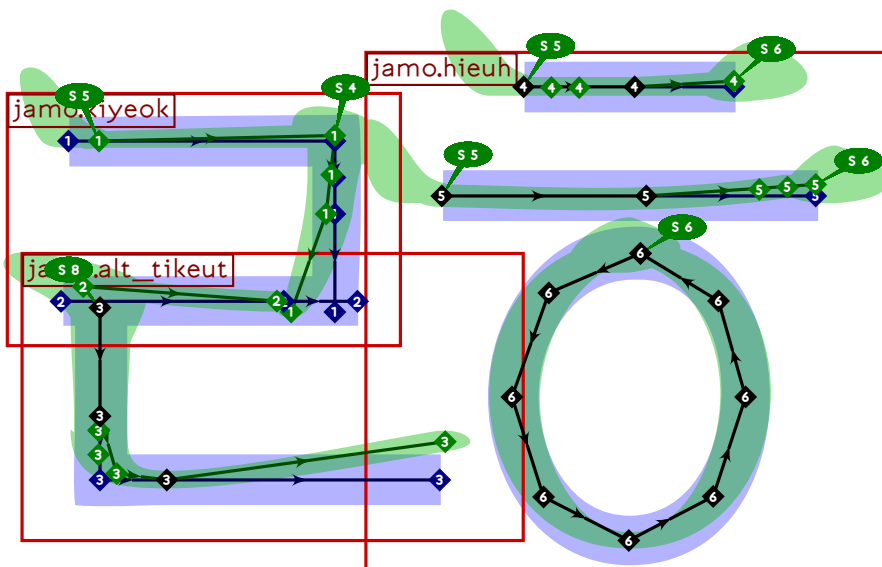
FF6

```

206 % hangul lead ssangrieul
207 begintsuglyph("uni1119.lj5";25);
208   hangul.combine.lr(205,105)(whatever,lxf,lxf);
209   tsu_render;
210 endsuglyph;
211

```

U+FF61A  
jjeub.uni111A.lj5



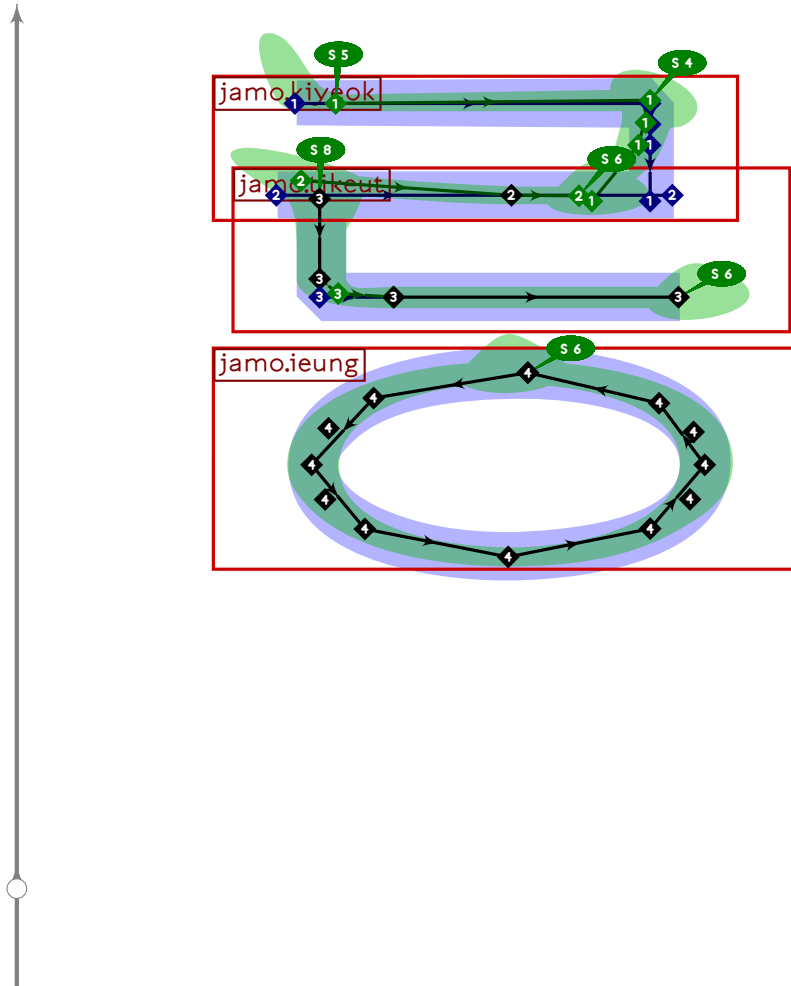
FF6

```

212 % hangul lead rieul-hieuh
213 begintsuglyph("uni111A.lj5";26);
214   hangul.combine.lr(205,118)(whatever,lixf,loxf);
215   tsu_render;
216 endsuglyph;
217

```





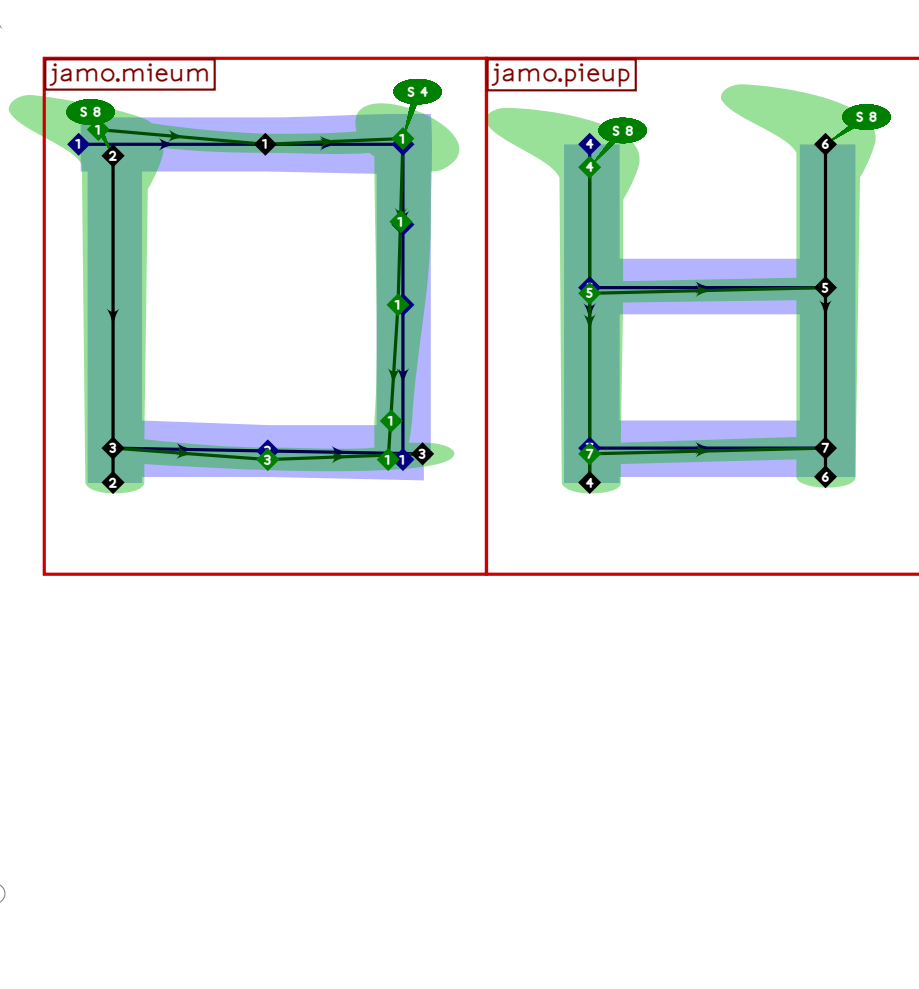
FF6

```

218 % hangul lead kapyeounrieul
219 begintsuglyph("uni111B.lj5";27);
220 hangul.combine.tb(105,521)(whatever,
221   hxf((200,850),(800,-50)) transformed lixf,loxf);
222 tsu_render;
223 endtsuglyph;
224

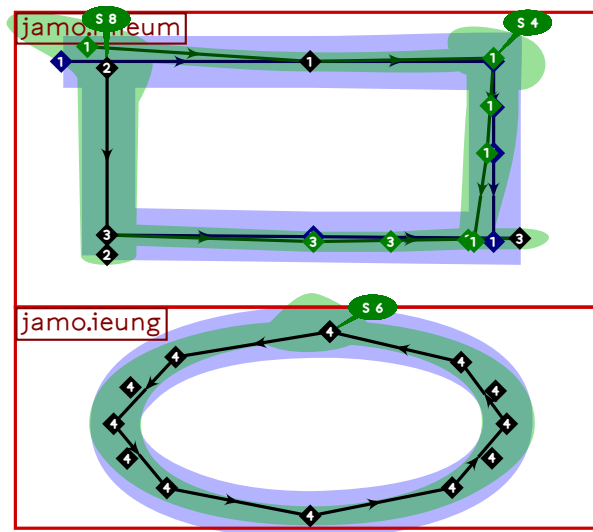
```

U+FF61C  
jieub.uni111C.lj5



FF6

```
225 % hangul lead mieum-pieup
226 begintsuglyph("uni111C.lj5";28);
227   hangul.combine.lr(106,107)(whatever,lixf,loxf);
228   tsu_render;
229 endtsuglyph;
230
```

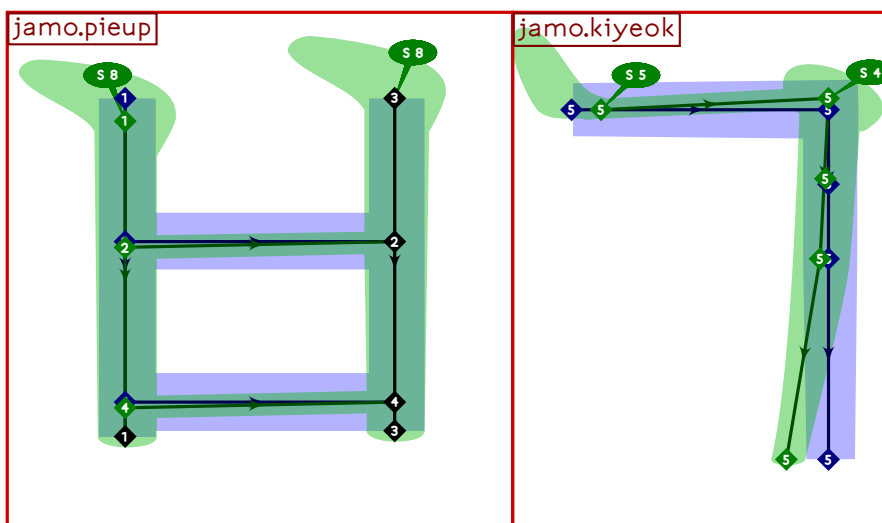


```

231 % hangul lead kapyeounmieum
232 begintsuglyph("uni111D.lj5";29);
233   hangul.combine.tb(106,521)(whatever,
234     hxf((200,850),(800,-50)) transformed lixf,loxf);
235   tsu_render;
236 endtsuglyph;
237

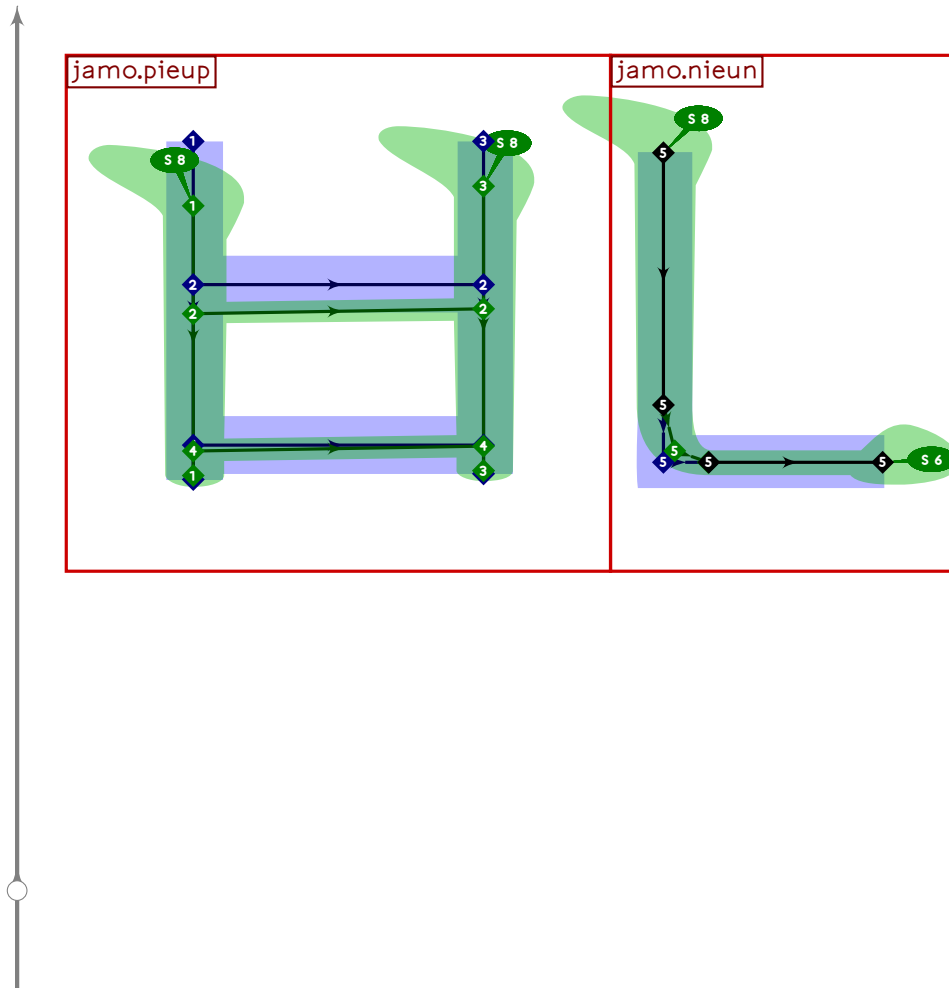
```

U+FF61E  
jieub.uni111E.lj5



FF6

```
238 % hangul lead pieup-kiyeok
239 beginsuglyph("uni111E.lj5",30);
240 hangul.combine.lr(107,100)(whatever,lixf,loxf);
241 tsu_render;
242 endsuglyph;
243
```

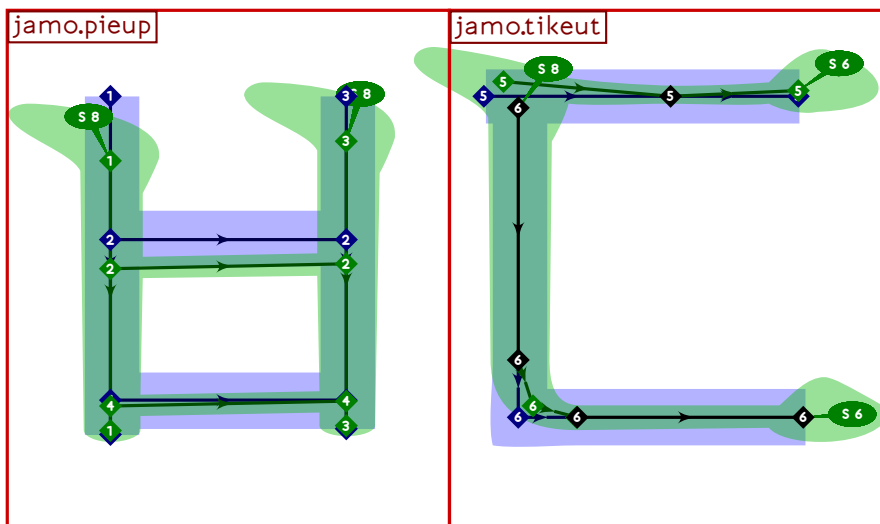


```

244 % hangul lead pieup-nieun
245 begintsuglyph("uni111F.lj5",31);
246   hangul.combine.lr(207,102)(whatever,lixf,loxf);
247   tsu_render;
248 endtsuglyph;
249

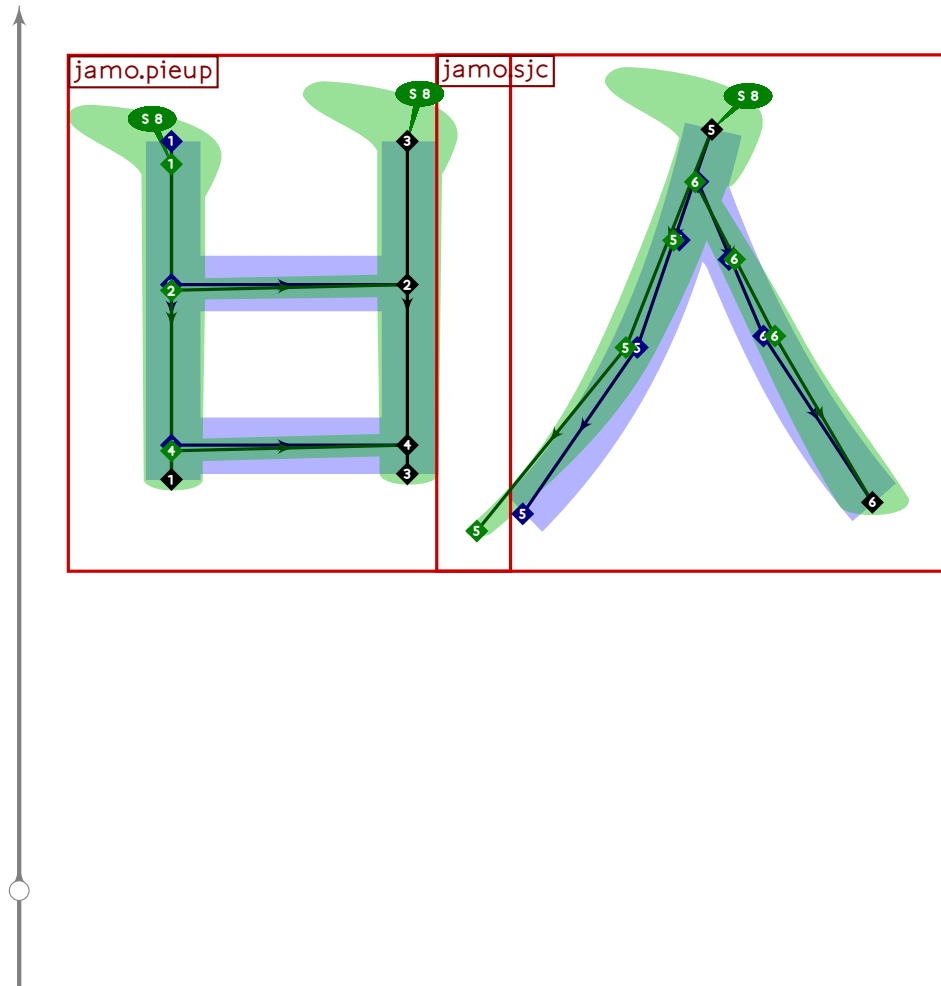
```

U+FF620  
jieub.uni1120.lj5



FF6

```
250 % hangul lead pieup-tikeut
251 begintsuglyph("uni1120.lj5",32);
252   hangul.combine.lr(207,103)(whatever,lixf,loxf);
253   tsu_render;
254 endtsuglyph;
255
```

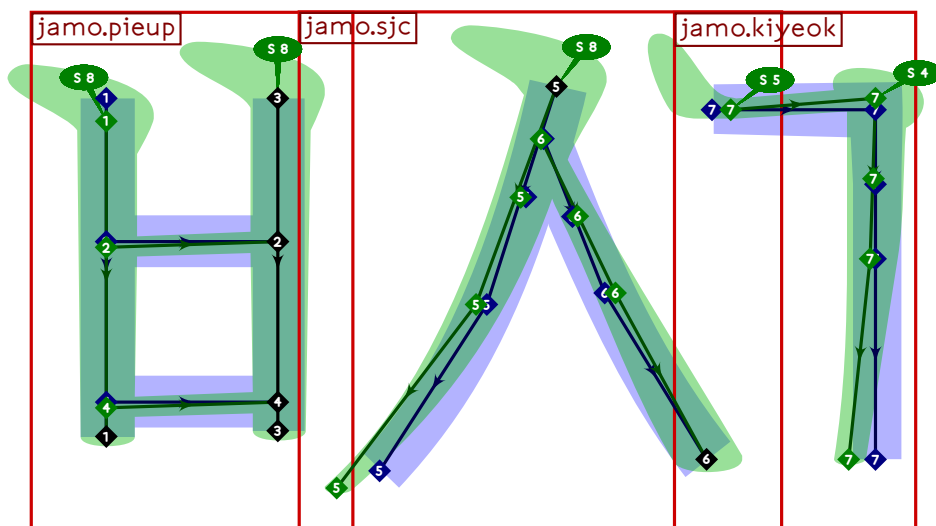


```

256 % hangul lead pieup-sios
257 begintsuglyph("uni1121.lj5";33);
258   hangul.combine.lr(107,109)(whatever,lixf,loxf);
259   tsu_render;
260 endtsuglyph;
261

```

U+FF622  
jieub.uni1122.lj5



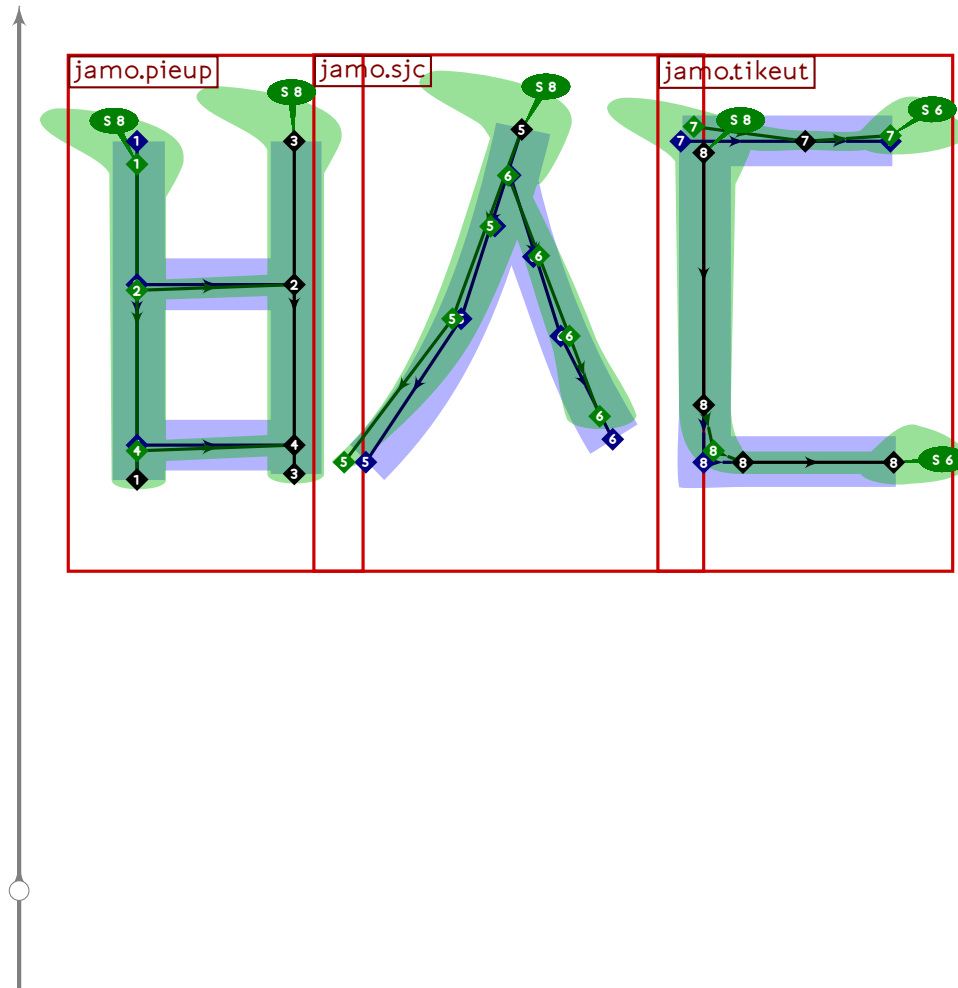
FF6

```

262 % hangul lead pieup-sios-kiyeok
263 begintsuglyph("uni1122.lj5",34);
264 hangul.combine.lcr(107,109,100)(whatever,lixf,loxf);
265 tsu_render;
266 endtsuglyph;
267

```



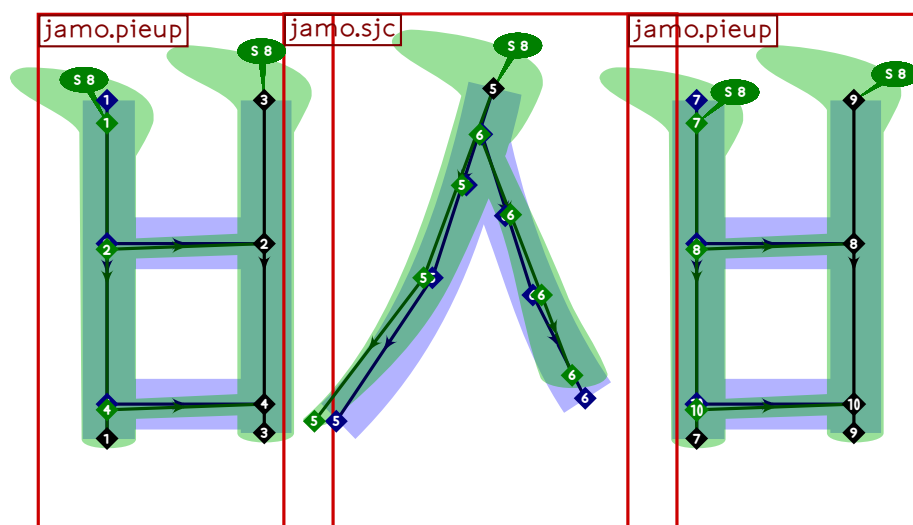


```

268 % hangul lead pieup-sios-tikeut
269 begintsuglyph("uni1123.lj5";35);
270 hangul.combine.lcr(107,209;103)(whatever,lixf,loxf);
271 tsu_render;
272 endsuglyph;
273

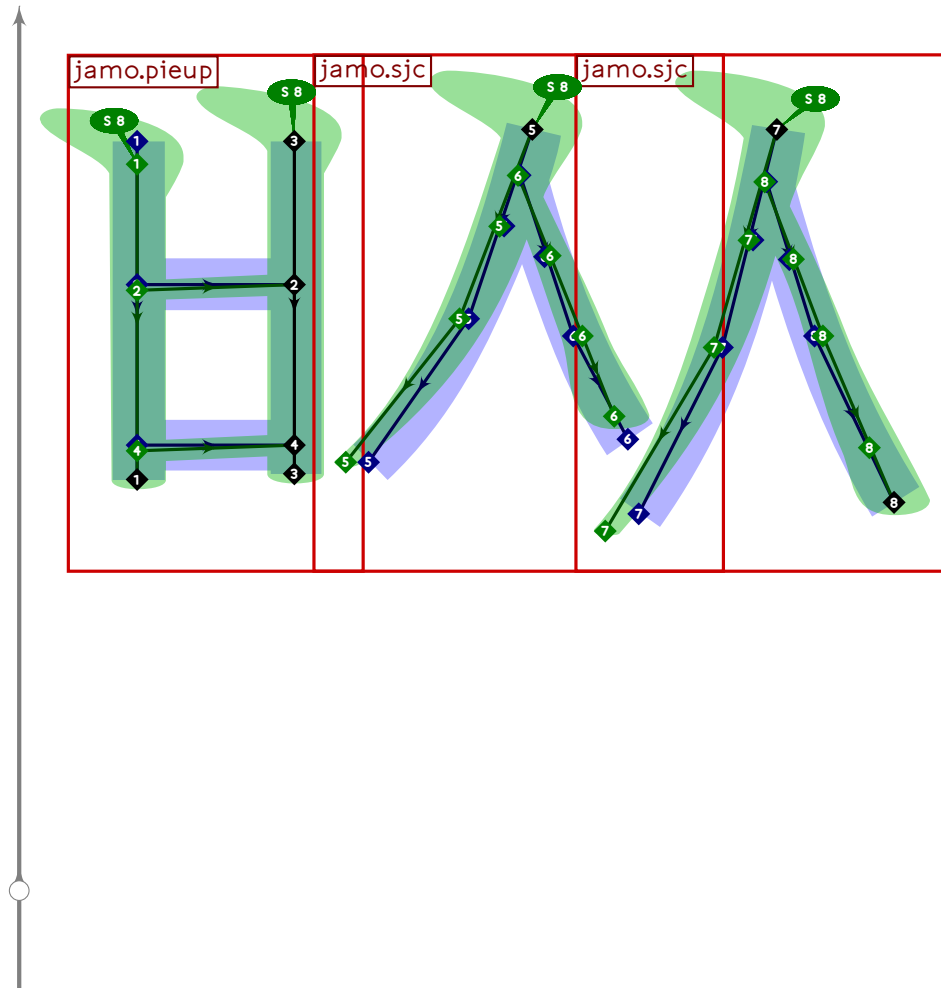
```

U+FF624  
jieub.uni1124.lj5



FF6

```
274 % hangul lead pieup-sios-pieup
275 begintsuglyph("uni1124.lj5";36);
276 hangul.combine.lcr(107,209;107)(whatever,lixf,loxf);
277 tsu_render;
278 endsuglyph;
279
```



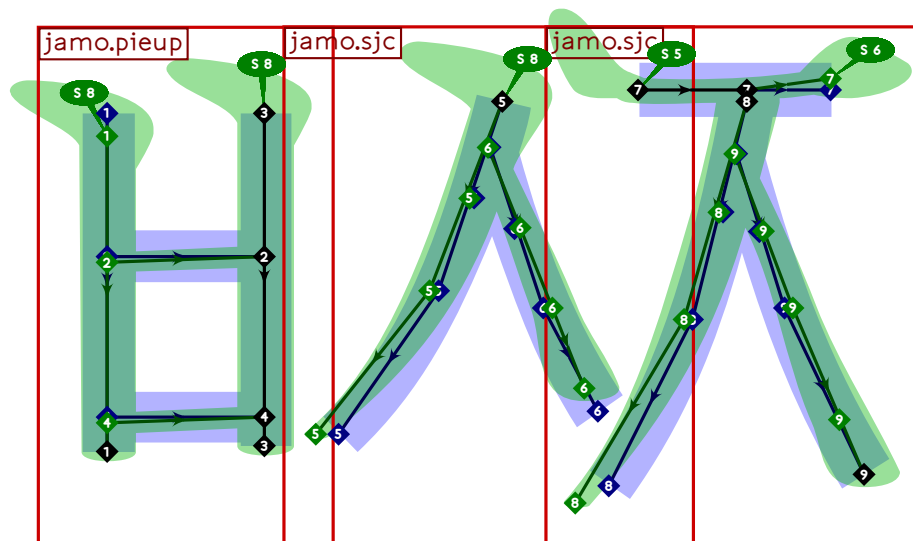
FF6

```

280 % hangul lead pieup-ssangsios
281 begintsuglyph("uni1125.lj5";37);
282   hangul.combine.lcr(107,209;109)(whatever,lixf,loxf);
283   tsu_render;
284 endsuglyph;
285

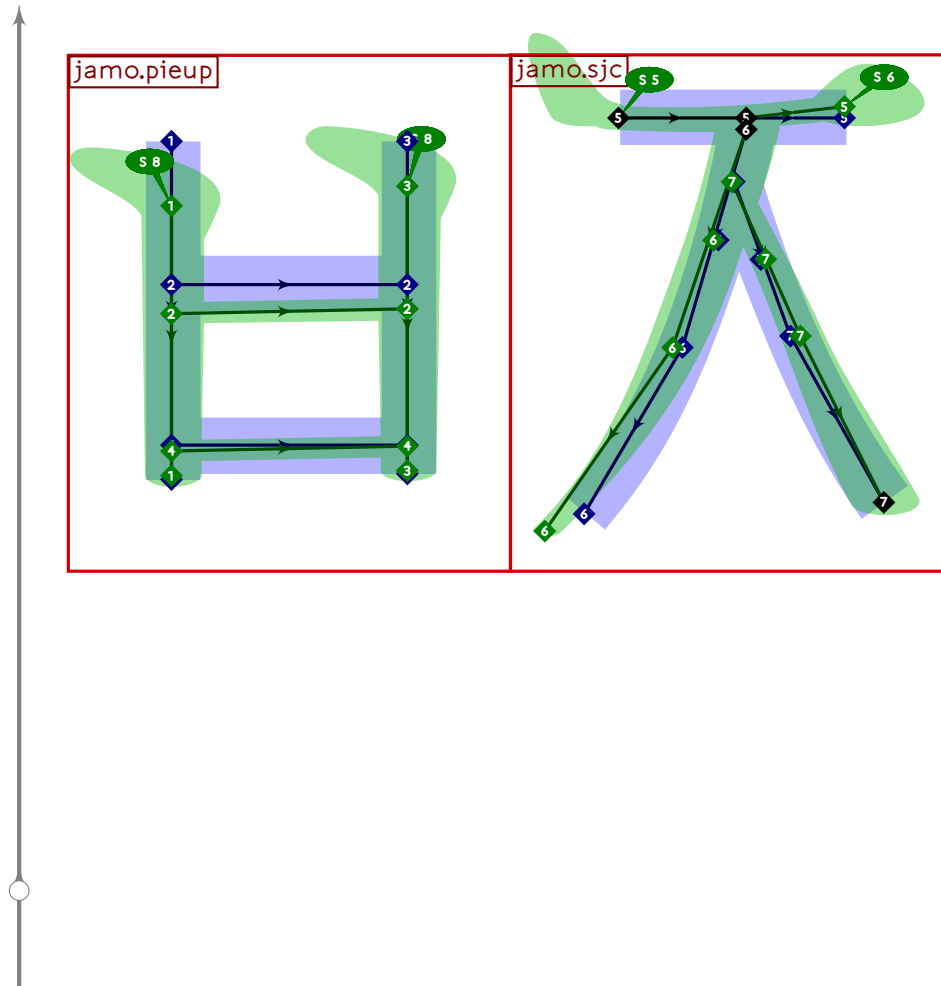
```

U+FF626  
jieub.uni1126.lj5



FF6

```
286 % hangul lead pieup-sios-cieuc
287 begintsuglyph("uni1126.lj5";38);
288   hangul.combine.lcr(107,209;112)(whatever,lixf,loxf);
289   tsu_render;
290 endsuglyph;
291
```

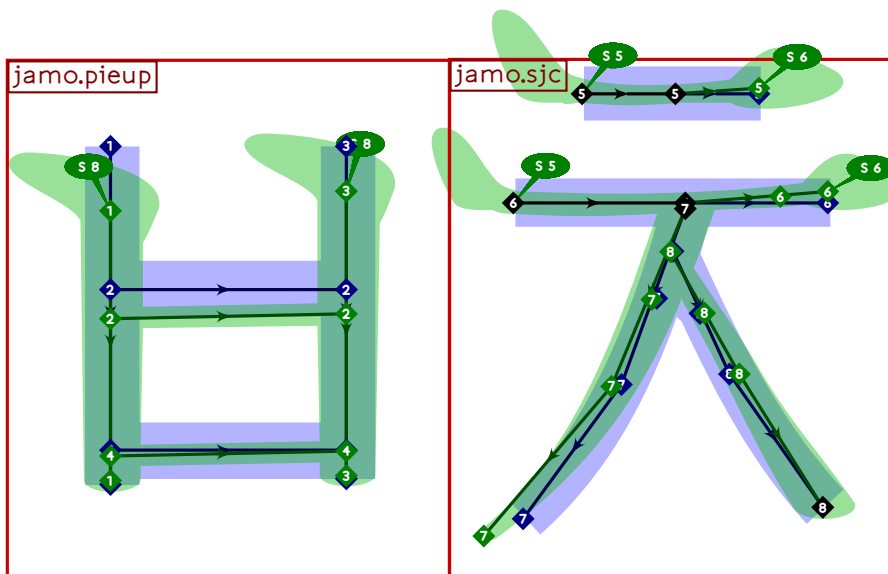


```

292 % hangul lead pieup-cieuc
293 begintsuglyph("uni1127.lj5";39);
294   hangul.combine.lr(207,112)(whatever,lixf,loxf);
295   tsu_render;
296 endtsuglyph;
297

```

U+FF628  
jieub.uni1128.lj5

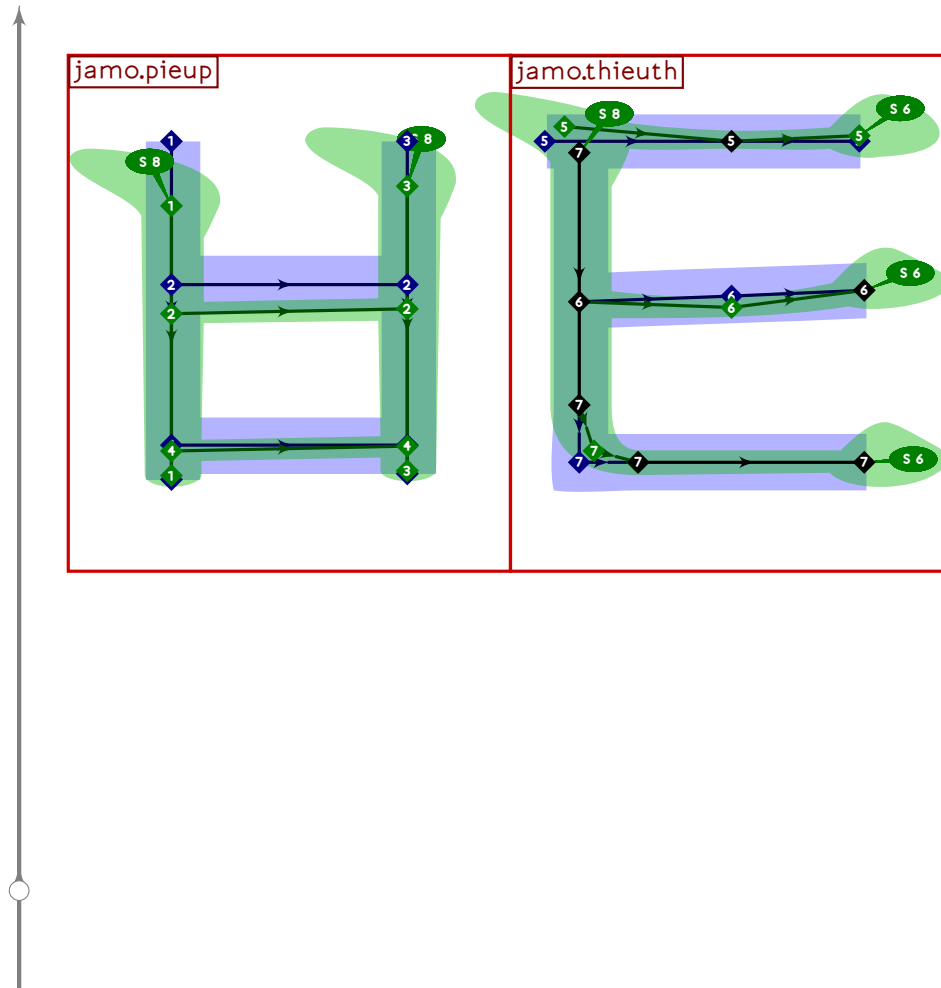


FF6

```

298 % hangul lead pieup-chieuch
299 begintsuglyph("uni1128.lj5";40);
300 hangul.combine.lr(207,114)(whatever,lixf,loxf);
301 tsu_render;
302 endtsuglyph;
303

```

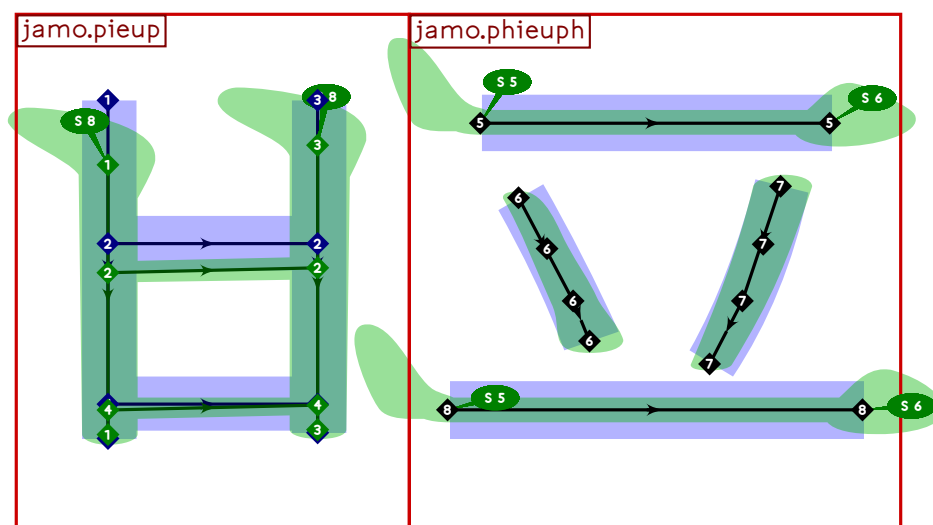


```

304 % hangul lead pieup-thieuth
305 begintsuglyph("uni1129.lj5",41);
306 hangul.combine.lr(207,116)(whatever,lixf,loxf);
307 tsu_render;
308 endsuglyph;
309

```

U+FF62A  
jieub.uni112A.lj5



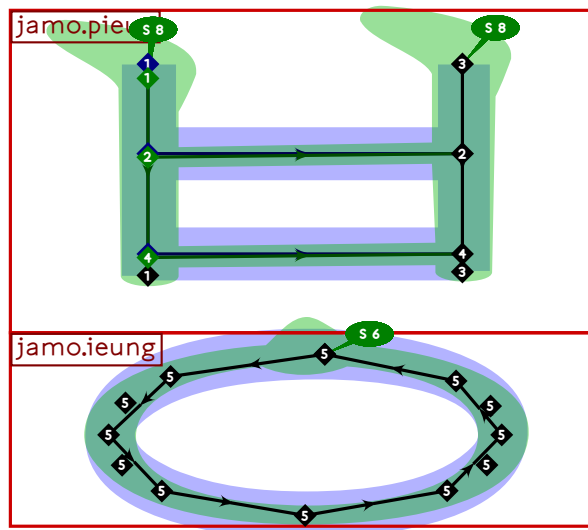
FF6

```

310 % hangul lead pieup-phieuph
311 begintsuglyph("uni112A.lj5";42);
312   hangul.combine.lr(207,117)(whatever,lixf,loxf);
313   tsu_render;
314 endsuglyph;
315

```



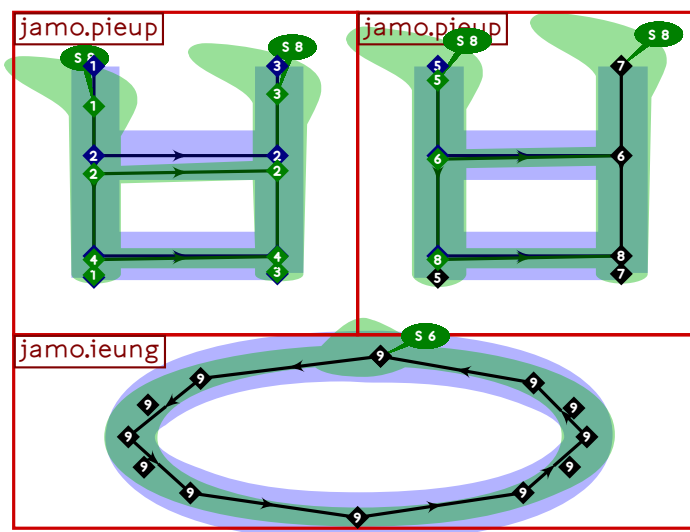


```

316 % hangul lead kapyeounpieup
317 begintsuglyph("uni112B.lj5";43);
318   hangul.combine.tb(107,521)(whatever,
319     hxf((200,850),(800,-50)) transformed lixf,loxf);
320   tsu_render;
321 endtsuglyph;
322

```

U+FF62C  
jieub.uni112C.lj5

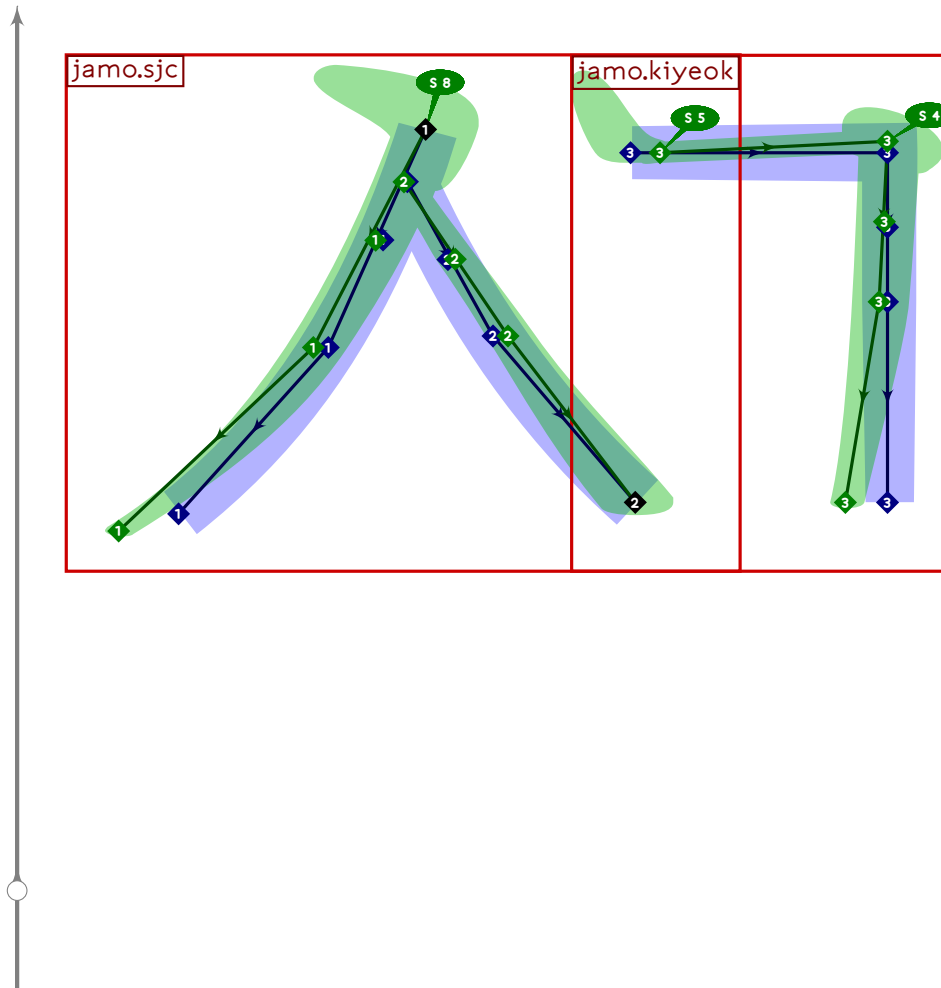


FF6

```

323 % hangul lead kapyeounssangpieup
324 begintsuglyph("uni112C.lj5";44);
325   hangul.combine.tb(108,521)(whatever,
326     hxf((150,850),(850,-50)) transformed lixf,loxf);
327   tsu_render;
328 endtsuglyph;
329

```

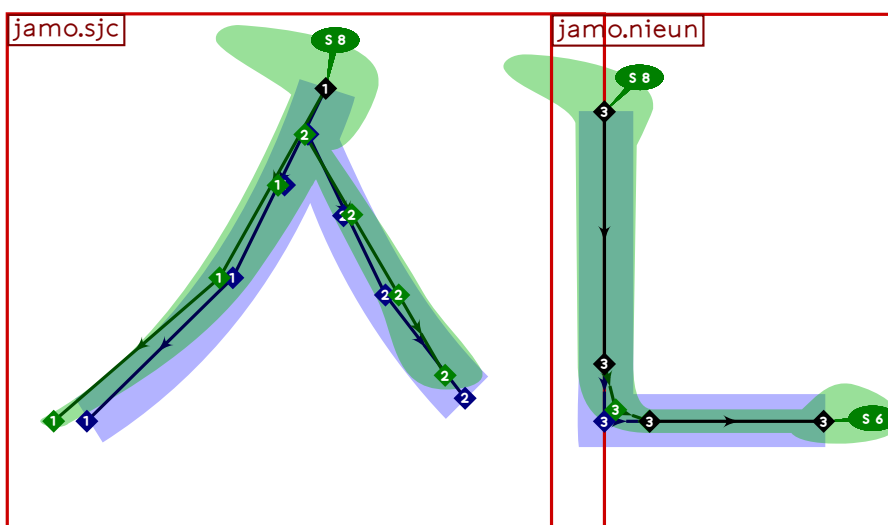


```

330 % hangul lead sios-kiyeok
331 begint Suglyph("uni112D.lj5";45);
332   hangul.combine.lr(109;100)(whatever,lixf,loxf);
333   tsu_render;
334 endtsuglyph;
335

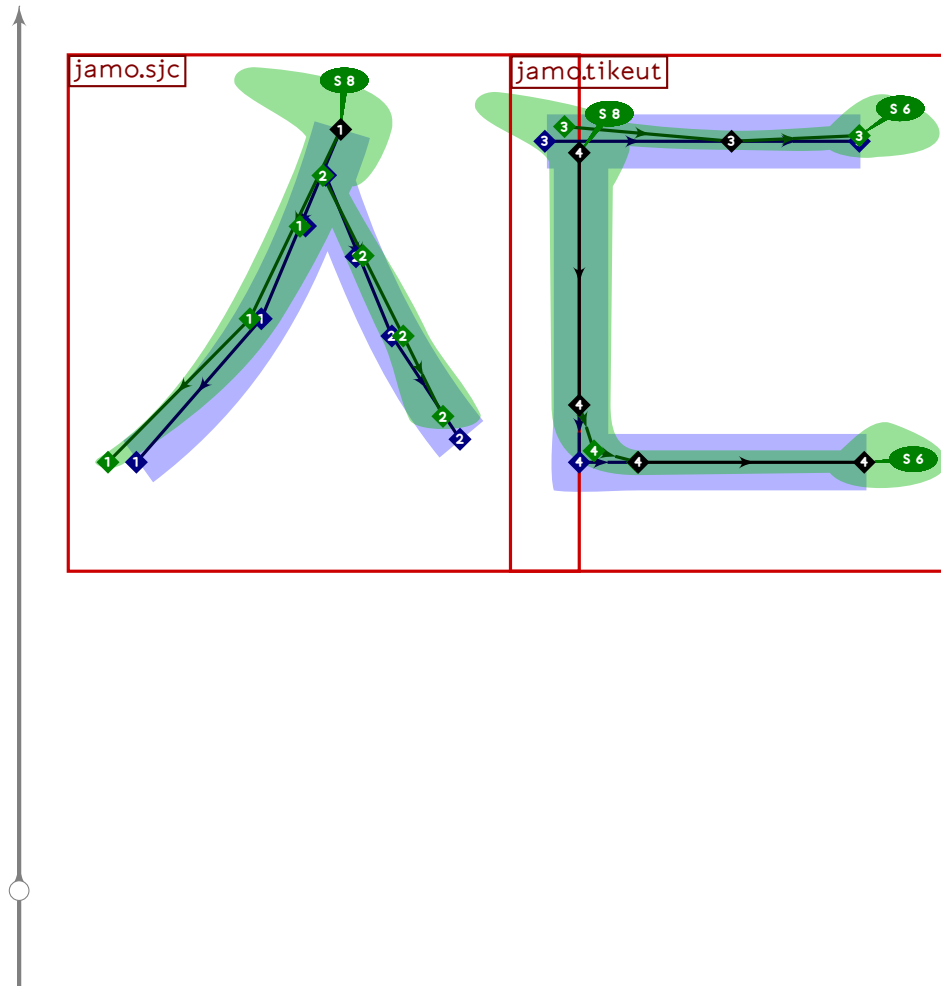
```

U+FF62E  
jieub.uni112E.lj5



FF6

```
336 % hangul lead sios-nieun
337 begintsuglyph("uni112E.lj5";46);
338 hangul.combine.lr(209,102)(whatever,lixf,loxf);
339 tsu_render;
340 endsuglyph;
341
```

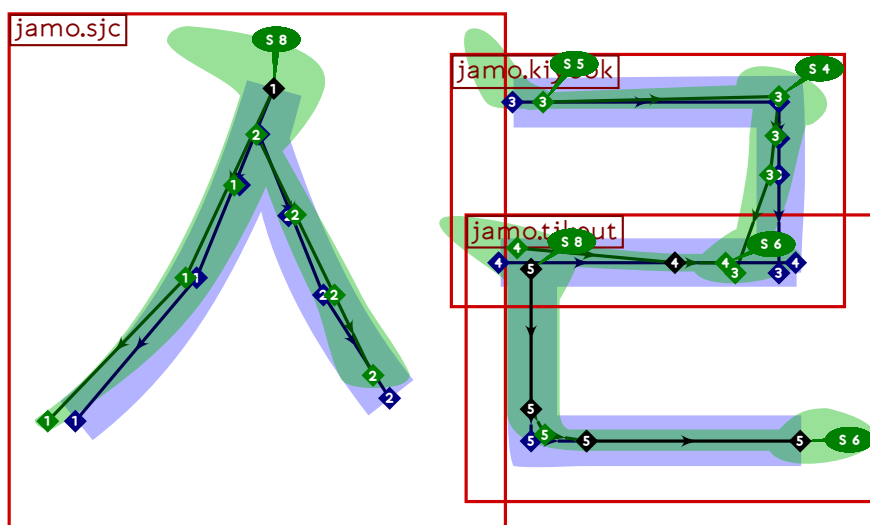


```

342 % hangul lead sios-tikeut
343 begintsuglyph("uni112F.lj5";47);
344   hangul.combine.lr(209,103)(whatever,lixf,loxf);
345   tsu_render;
346 endsuglyph;
347

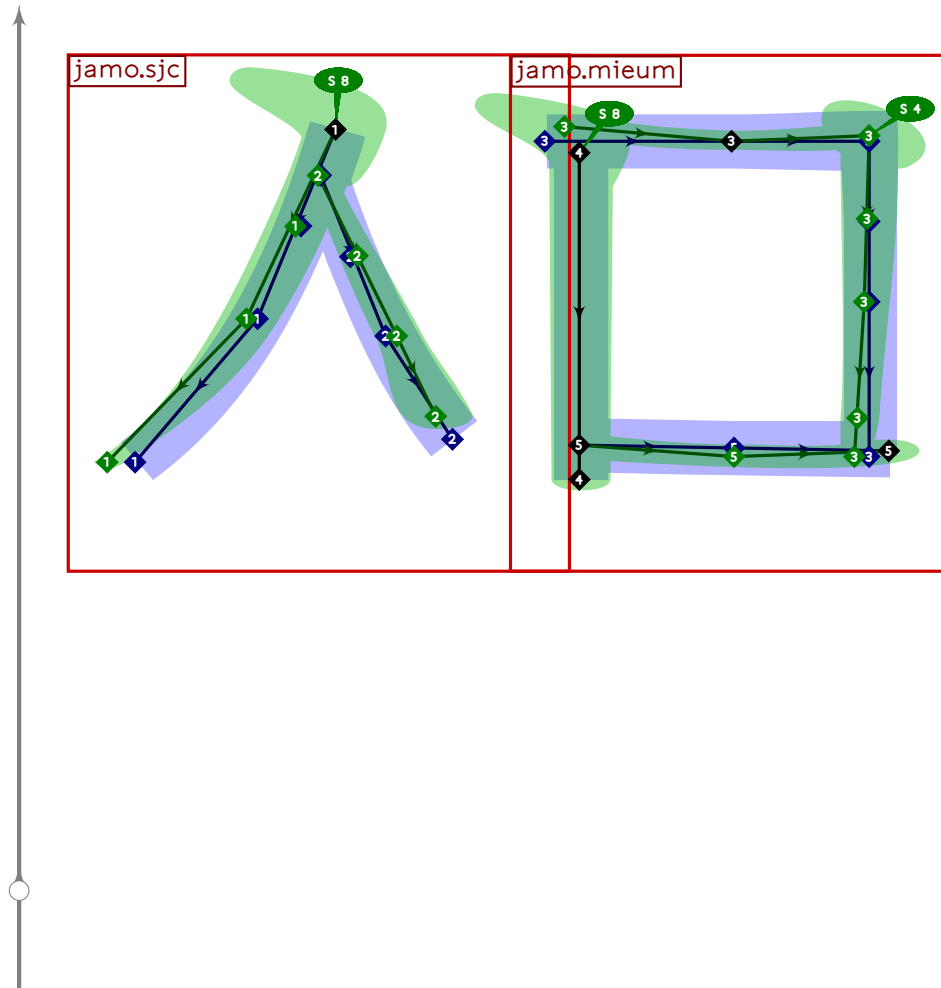
```

U+FF630  
jieub.uni1130.lj5



FF6

```
348 % hangul lead sios-rieul
349 begintsuglyph("uni1130.lj5";48);
350 hangul.combine.lr(209,105)(whatever,lixf,loxf);
351 tsu_render;
352 endsuglyph;
353
```

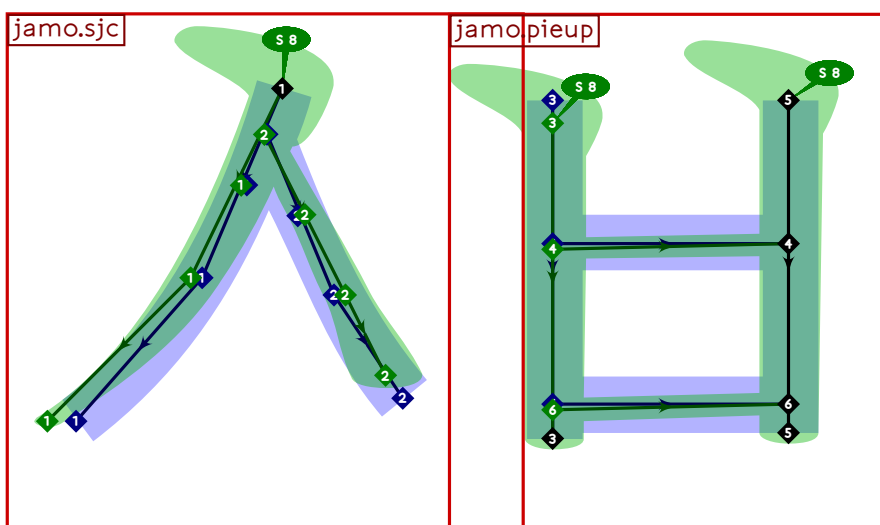


```

354 % hangul lead sios-mieum
355 begint Suglyph("uni1131.lj5";49);
356   hangul.combine.lr(209,106)(whatever,lixf,loxf);
357   tsu_render;
358 endtsuglyph;
359

```

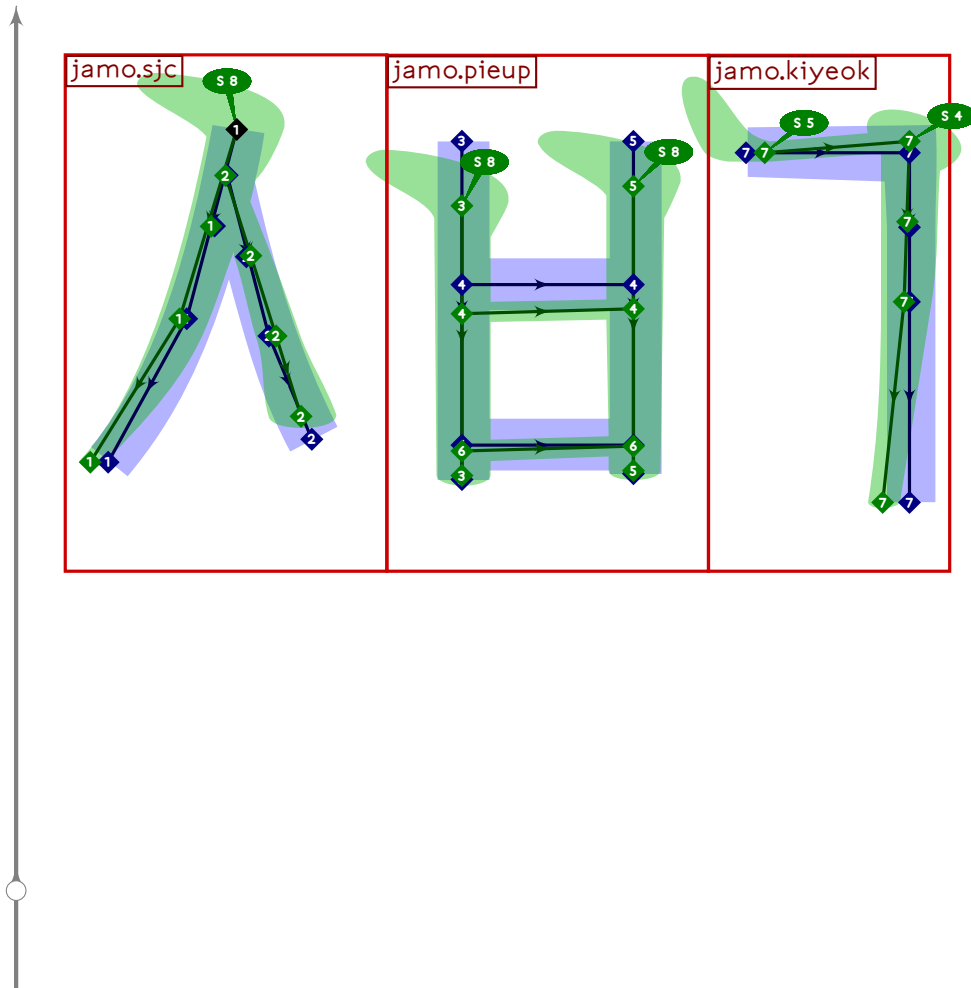
U+FF632  
jieub.uni1132.lj5



FF6

```
360 % hangul lead sios-pieup
361 begintsuglyph("uni1132.lj5",50);
362   hangul.combine.lr(209,107)(whatever,lixf,loxf);
363   tsu_render;
364 endtsuglyph;
365
```



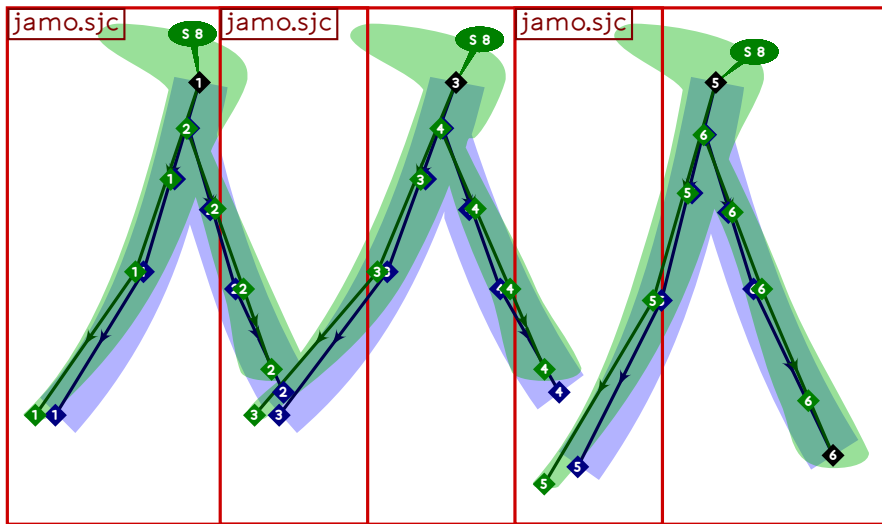


```

366 % hangul lead sios-pieup-kiyeok
367 begintsuglyph("uni1133.lj5",51);
368   hangul.combine.lcr(209,207,100)(whatever,lxf,lxf);
369   tsu_render;
370 endtsuglyph;
371

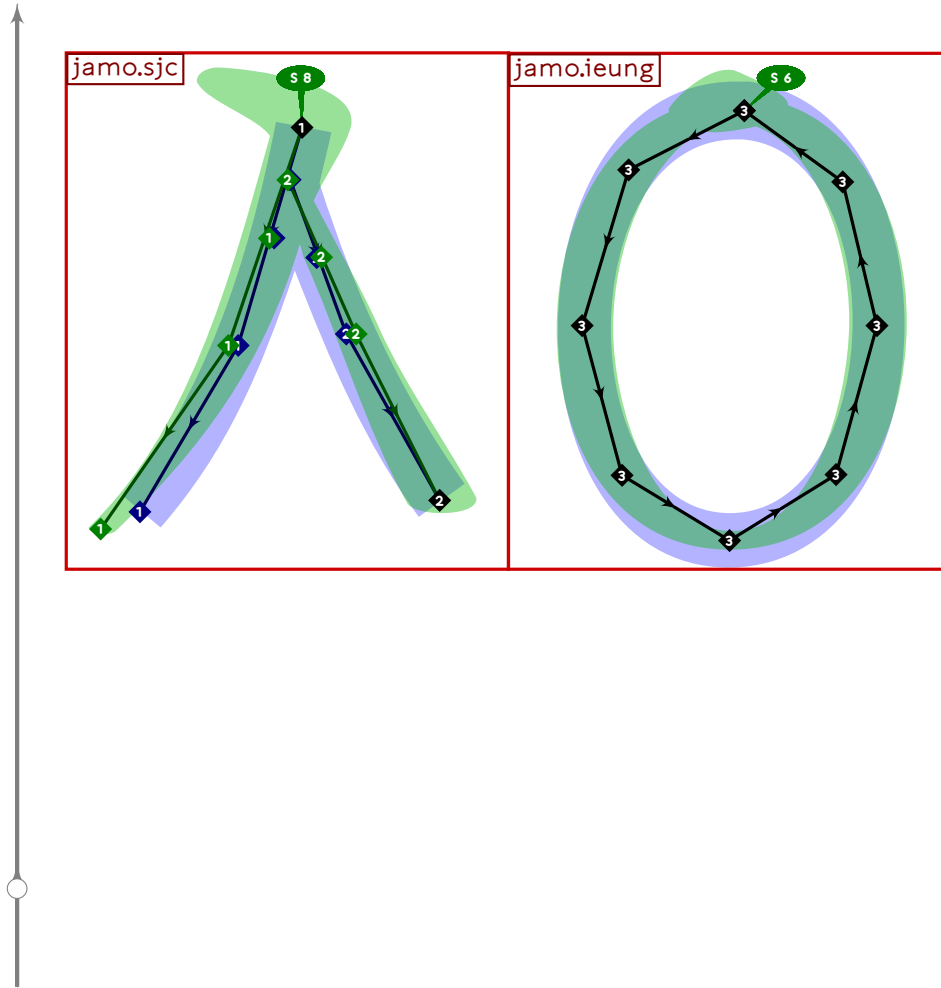
```

U+FF634  
jieub.uni1134.lj5



FF6

```
372 % hangul lead sios-sios-sios
373 begintsuglyph("uni1134.lj5";52);
374 hangul.combine.lcr(209,209,109)(whatever,lixf,loxf);
375 tsu_render;
376 endsuglyph;
377
```



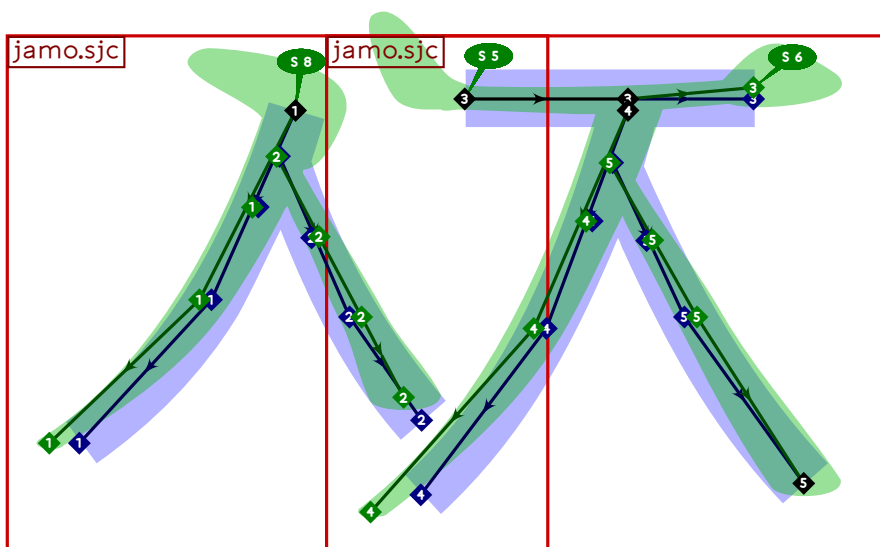
```

378 % hangul lead sios-ieung
379 begintsuglyph("uni1135.lj5";53);
380   hangul.combine.lr(109,111)(whatever,lixf,loxf);
381   tsu__render;
382 endtsuglyph;
383

```

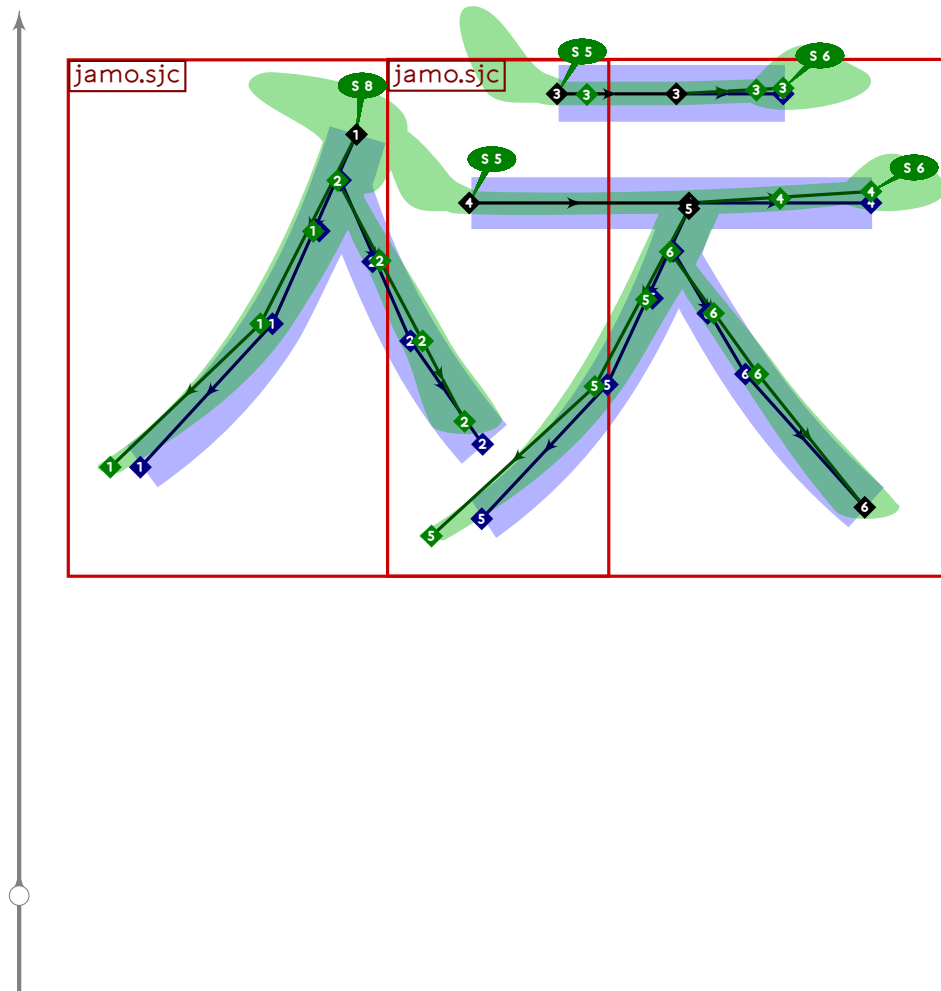
FF6

U+FF636  
jieub.uni1136.lj5



FF6

```
384 % hangul lead sios-cieuc
385 begintsuglyph("uni1136.lj5";54);
386   hangul.combine.lr(209,112)(whatever,lixf,loxf);
387   tsu_render;
388 endtsuglyph;
389
```



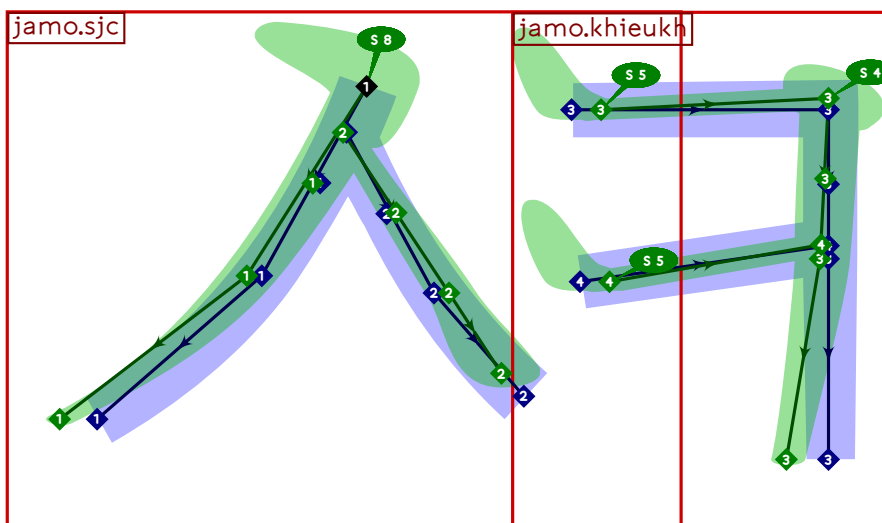
```

390 % hangul lead sios-chieuch
391 begint Suglyph("uni1137.lj5";55);
392   hangul.combine.lr(209,114)(whatever,lixf,loxf);
393   tsu_render;
394 endtsuglyph;
395

```

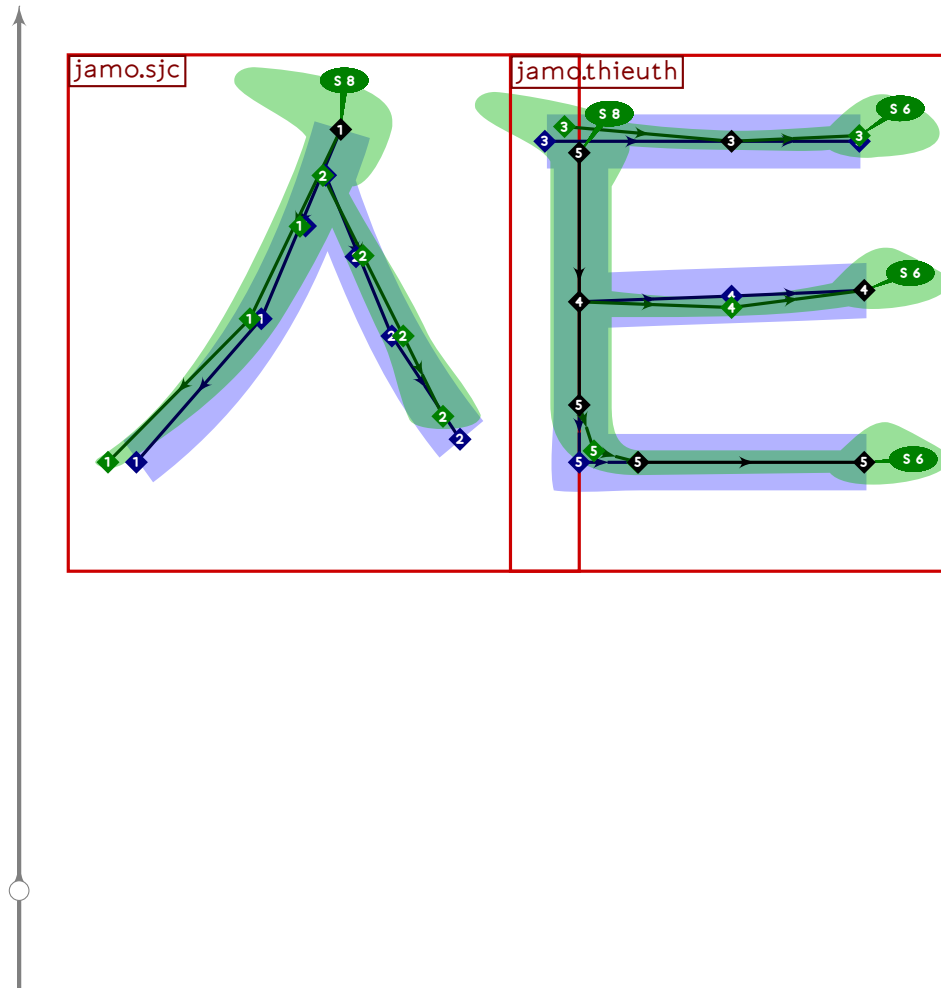
FF6

U+FF638  
jieub.uni1138.lj5



FF6

```
396 % hangul lead sios-khieukh
397 begintsuglyph("uni1138.lj5",56);
398 hangul.combine.lr(209,115)(whatever,lixf,loxf);
399 tsu_render;
400 endsuglyph;
401
```

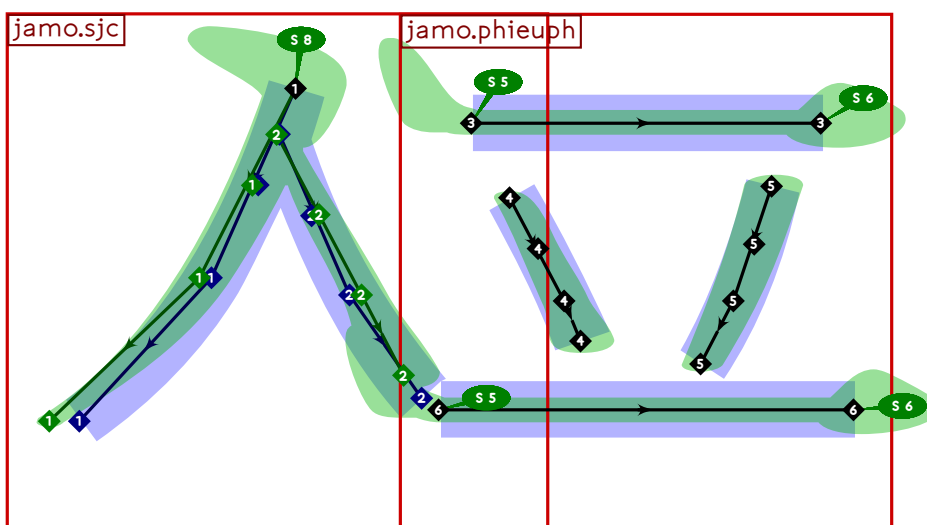


```

402 % hangul lead sios-thieuth
403 begintsuglyph("uni1139.lj5";57);
404 hangul.combine.lr(209,116)(whatever,lixf,loxf);
405 tsu_render;
406 endsuglyph;
407

```

U+FF63A  
jieub.uni113A.lj5



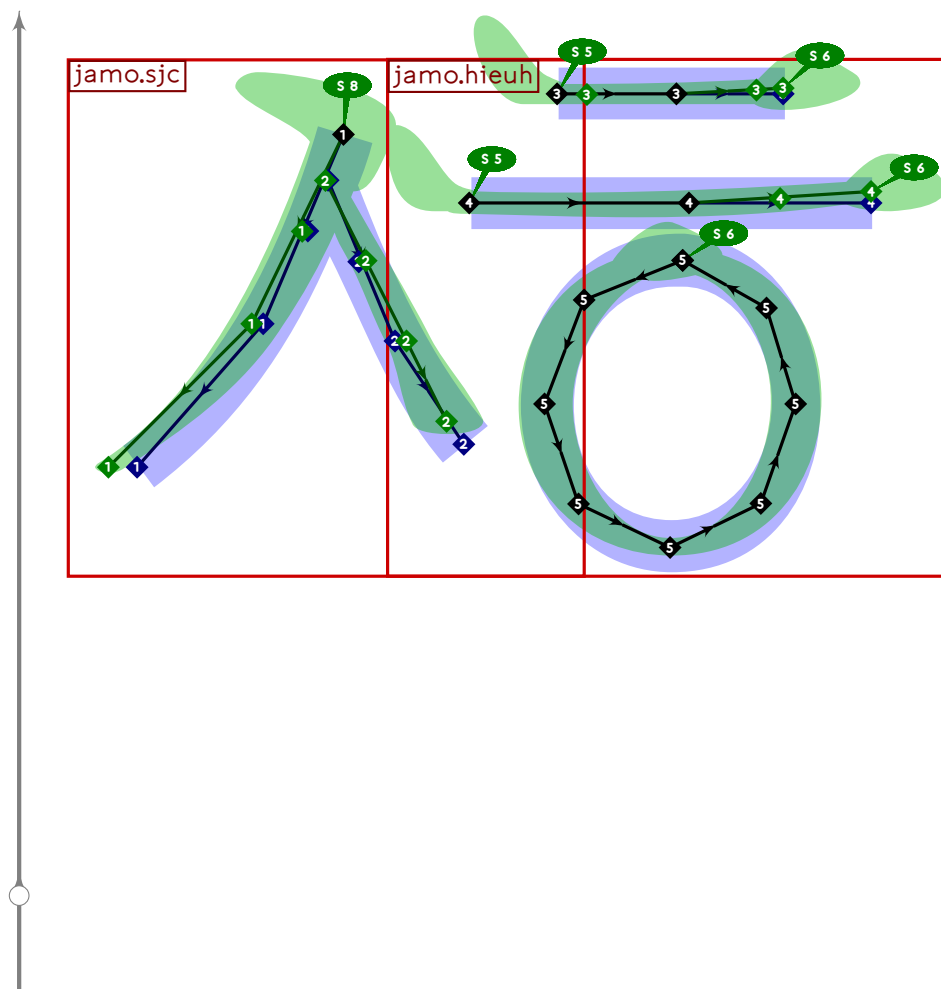
FF6

```

408 % hangul lead sios-phieuph
409 begintsuglyph("uni113A.lj5",58);
410   hangul.combine.lr(209,117)(whatever,lixf,loxf);
411   tsu_render;
412 endsuglyph;
413

```



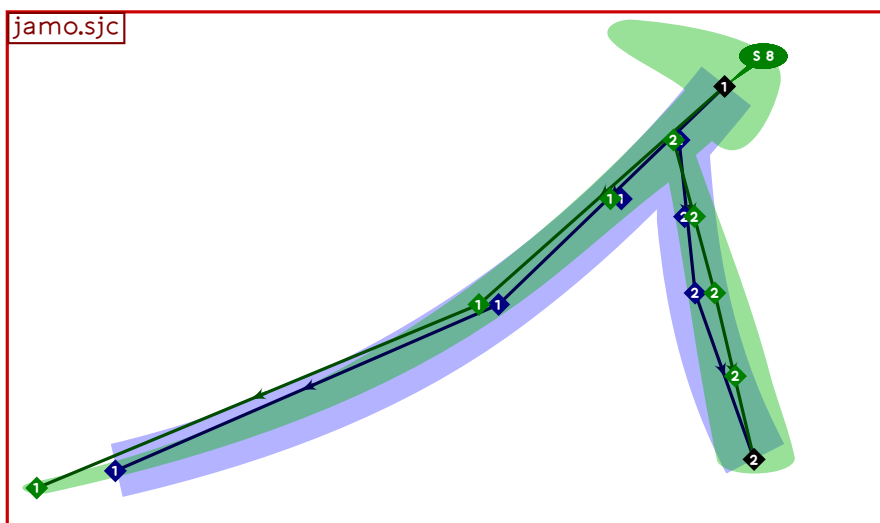


```

414 % hangul lead sios-hieuh
415 begintsuglyph("uni113B.lj5",59);
416 hangul.combine.lr(209,118)(whatever,lixf,loxf);
417 tsu_render;
418 endtsuglyph;
419

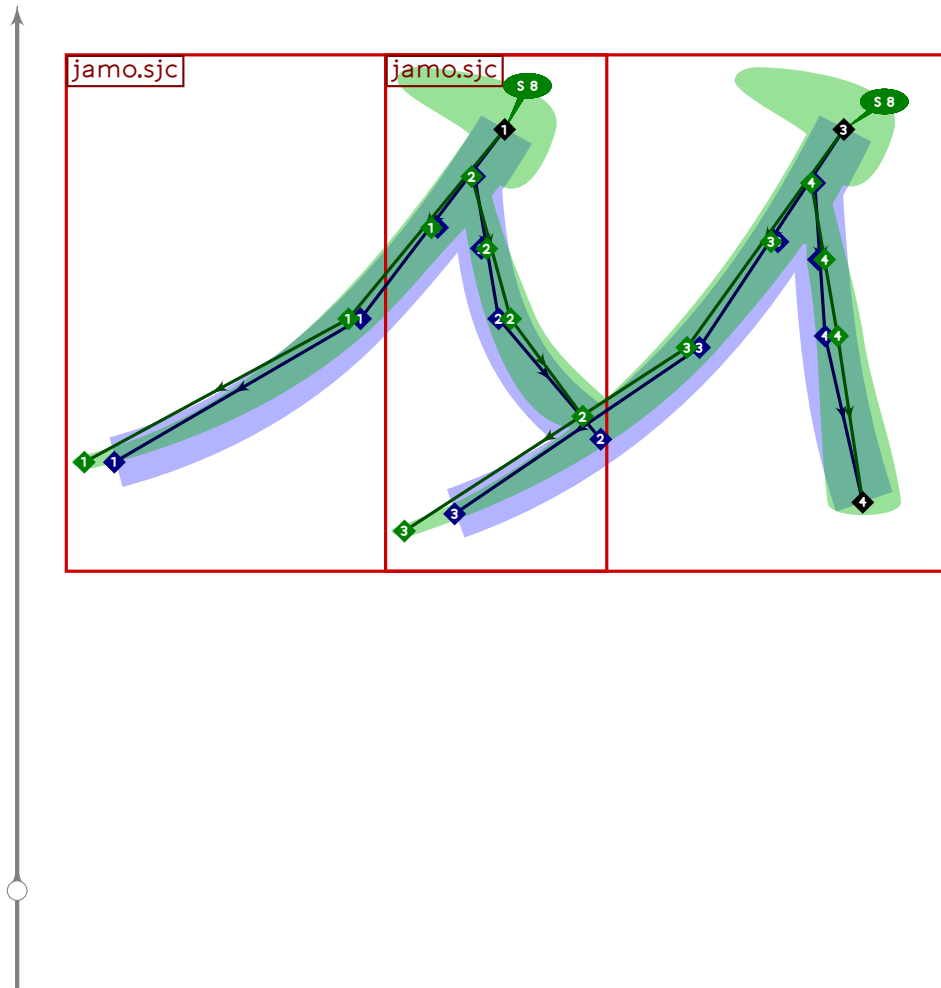
```

U+FF63C  
jieub.uni113C.lj5



FF6

```
420 % hangul lead chitueumsios
421 begintsuglyph("uni113C.lj5",60);
422   hangul.jamo.sjc(0,1,false)(whatever,lixf,loxf);
423   tsu_render;
424 endsuglyph;
425
```



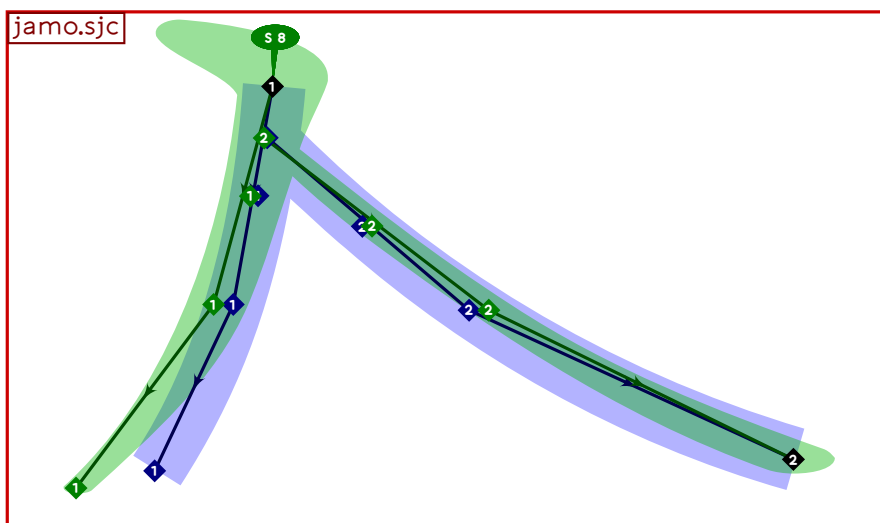
FF6

```

426 % hangul lead chitueumssangsios
427 begintsuglyph("uni113D.lj5",61);
428   hangul.combine.lr(223,222)(whatever,lixf,loxf);
429   tsu_render;
430 endtsuglyph;
431

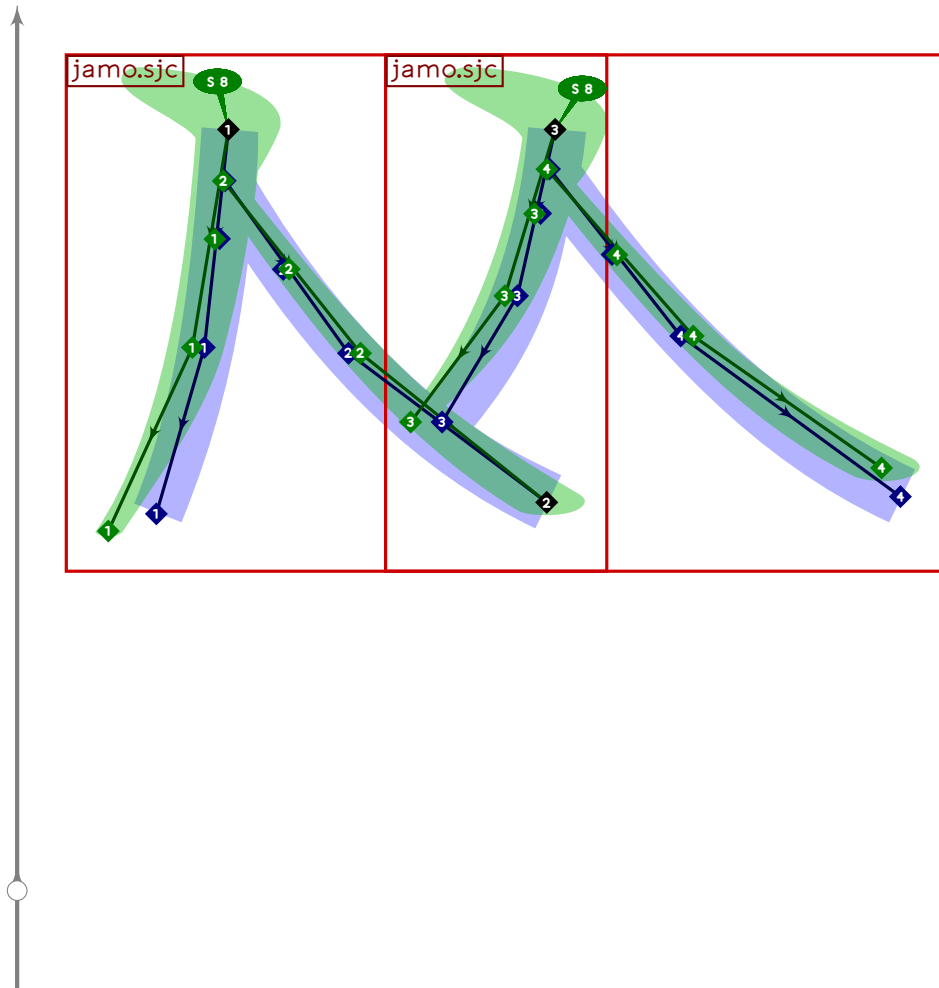
```

U+FF63E  
jieub.uni113E.lj5



FF6

```
432 % hangul lead ceongchieumsios
433 begintsuglyph("uni113E.lj5",62);
434 hangul.jamo.sjc(0,-1,false)(whatever,lixf,loxf);
435 tsu_render;
436 endtsuglyph;
437
```

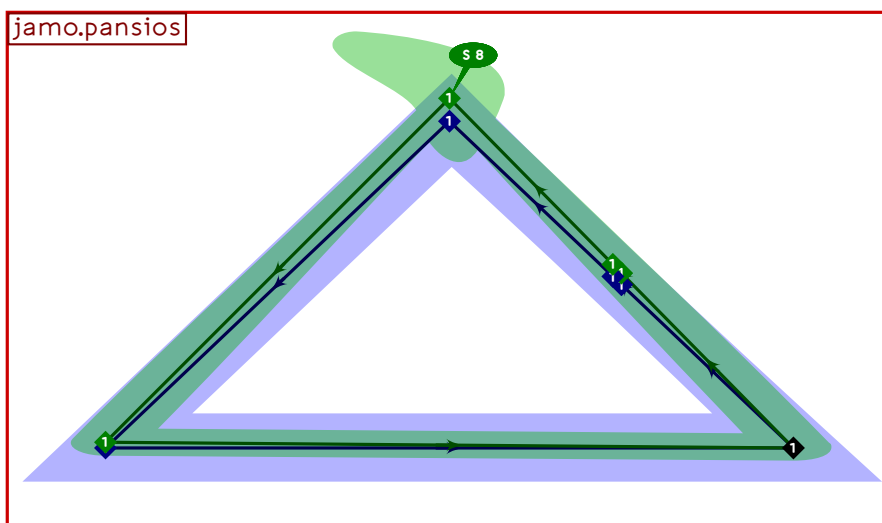


```

438 % hangul lead ceongchieumssangsios
439 begintsuglyph("uni113F.lj5",63);
440 hangul.combine.lr(224,225)(whatever,lixf,loxf);
441 tsu_render;
442 endtsuglyph;
443

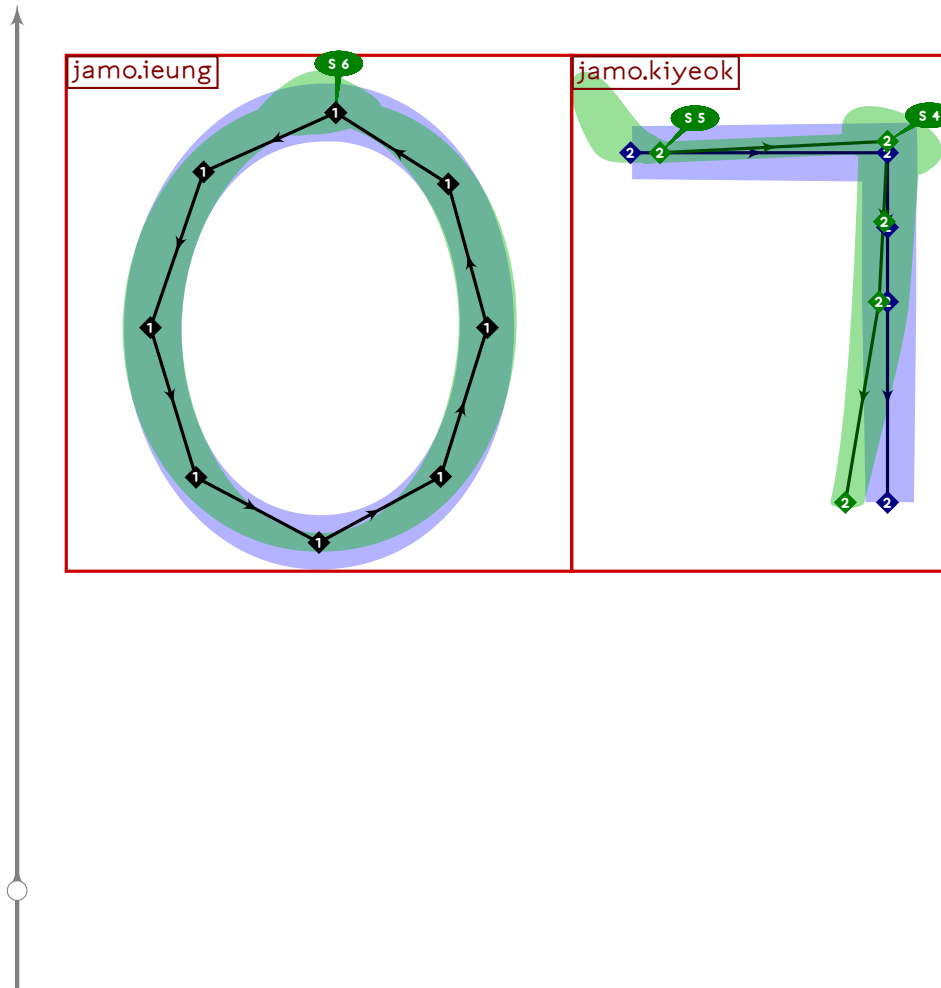
```

U+FF640  
jieub.uni1140.lj5



FF6

```
444 % hangul lead pansios
445 begint Suglyph("uni1140.lj5",64);
446   hangul.jamo.pansios(whatever,lixf,loxf);
447   tsu_render;
448 endts Suglyph;
449
```

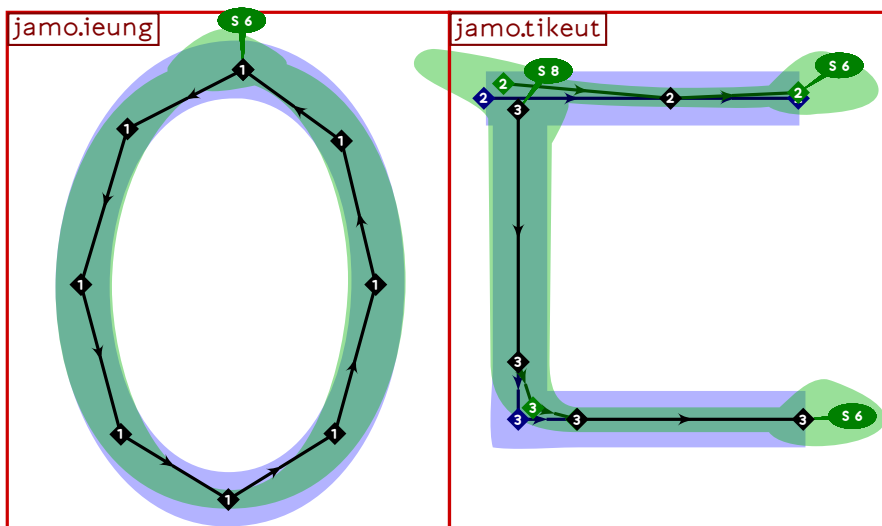


```

450 % hangul lead ieung-kiyeok
451 beginsuglyph("uni1141.lj5",65);
452 hangul.combine.lr(111,100)(whatever,lixf,loxf);
453 tsu_render;
454 endsuglyph;
455

```

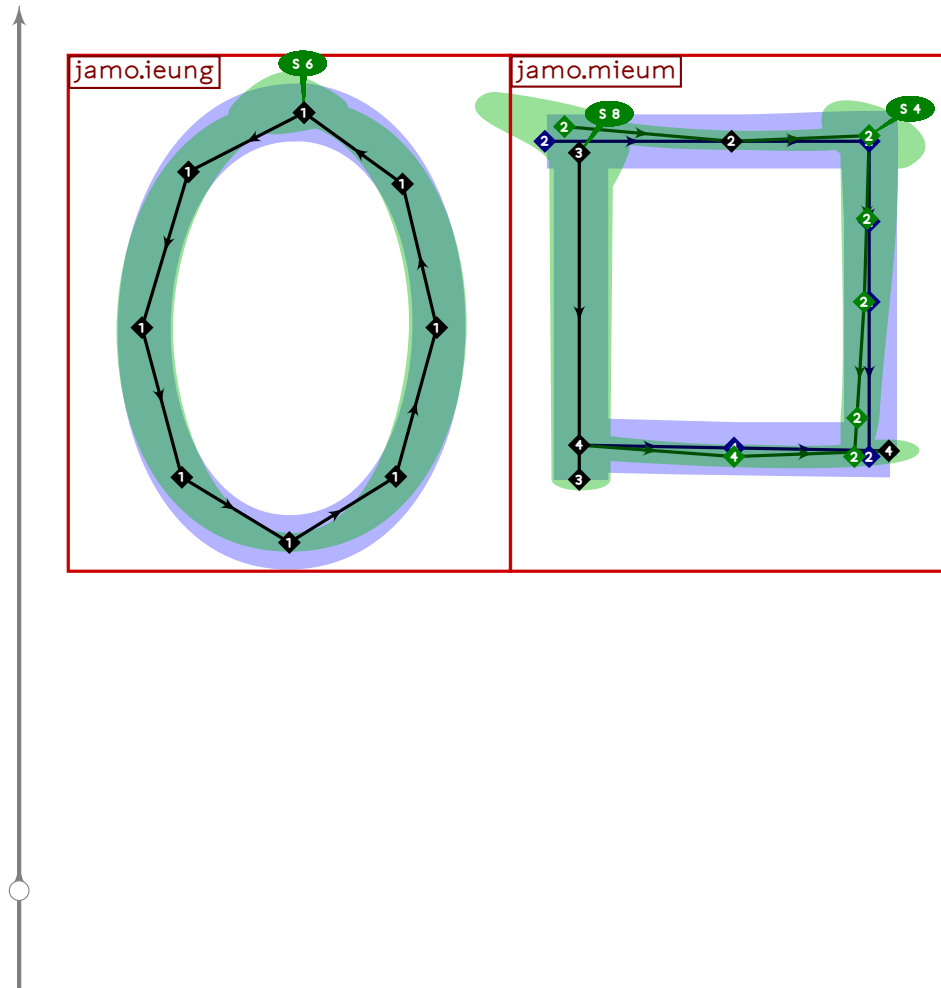
U+FF642  
jieub.uni1142.lj5



FF6

```
456 % hangul lead ieung-tikeut
457 beginsuglyph("uni1142.lj5",66);
458 hangul.combine.lr(111,103)(whatever,lixf,loxf);
459 tsu_render;
460 endsuglyph;
461
```





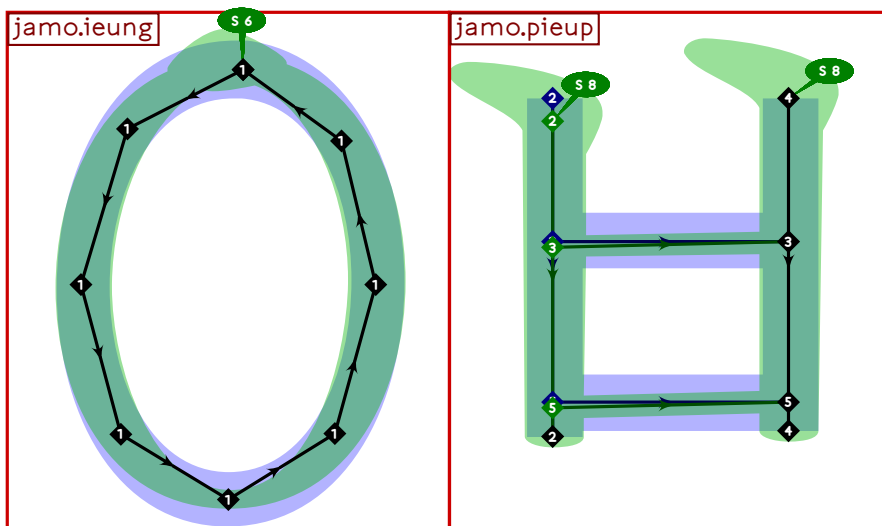
```

462 % hangul lead ieung-mieum
463 beginsuglyph("uni1143.lj5",67);
464 hangul.combine.lr(111,106)(whatever,lixf,loxf);
465 tsu_render;
466 endsuglyph;
467

```

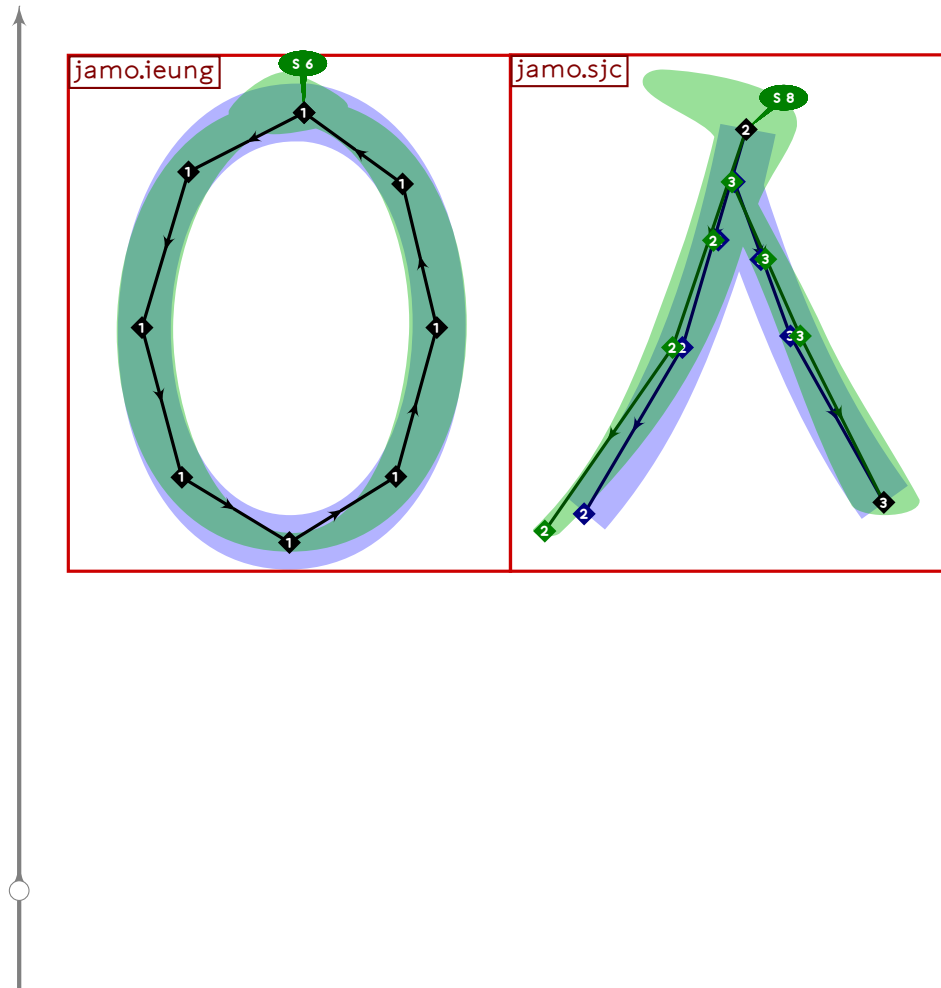
FF6

U+FF644  
jieub.uni1144.lj5



FF6

```
468 % hangul lead ieung-pieup
469 beginsuglyph("uni1144.lj5",68);
470 hangul.combine.lr(111,107)(whatever,lixf,loxf);
471 tsu_render;
472 endsuglyph;
473
```

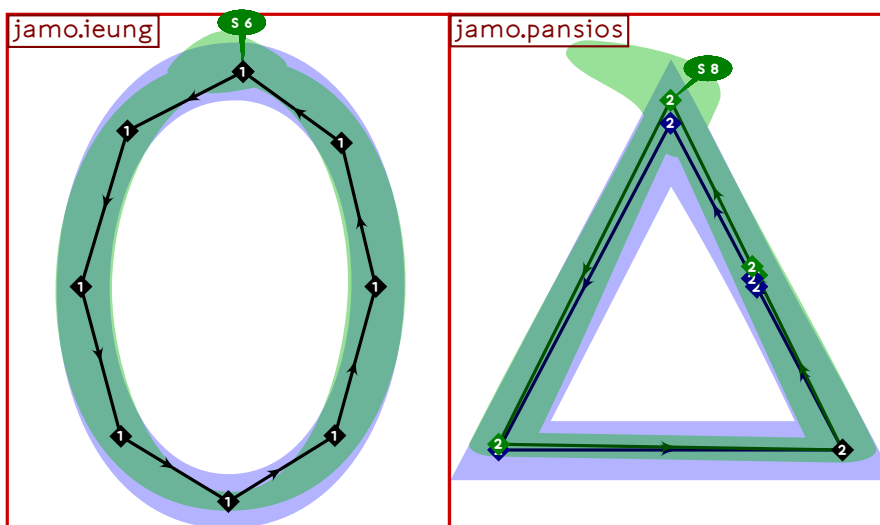


```

474 % hangul lead ieung-sios
475 begintsuglyph("uni1145.lj5",69);
476 hangul.combine.lr(111,109)(whatever,lixf,loxf);
477 tsu_render;
478 endsuglyph;
479

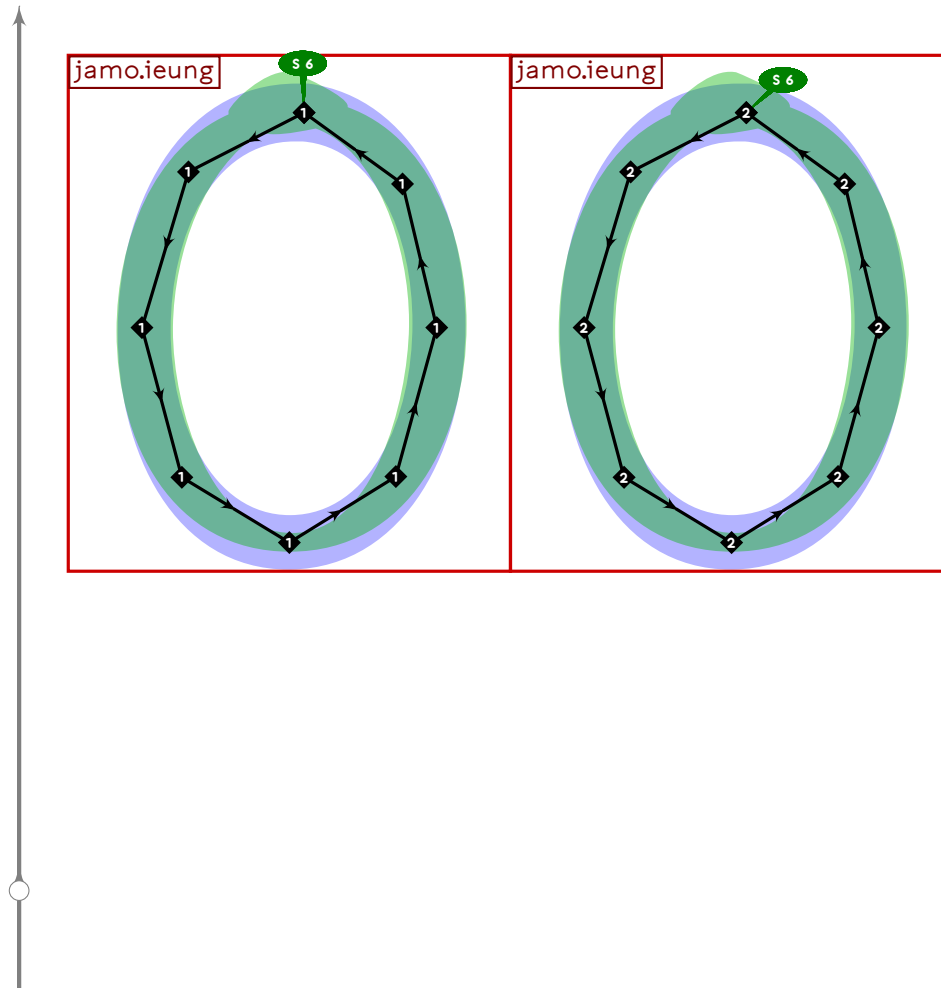
```

U+FF646  
jieub.uni1146.lj5



FF6

```
480 % hangul lead ieung-pansios
481 begintsuglyph("uni1146.lj5";70);
482   hangul.combine.lr(111,219)(whatever,lixf,loxf);
483   tsu_render;
484 endtsuglyph;
485
```



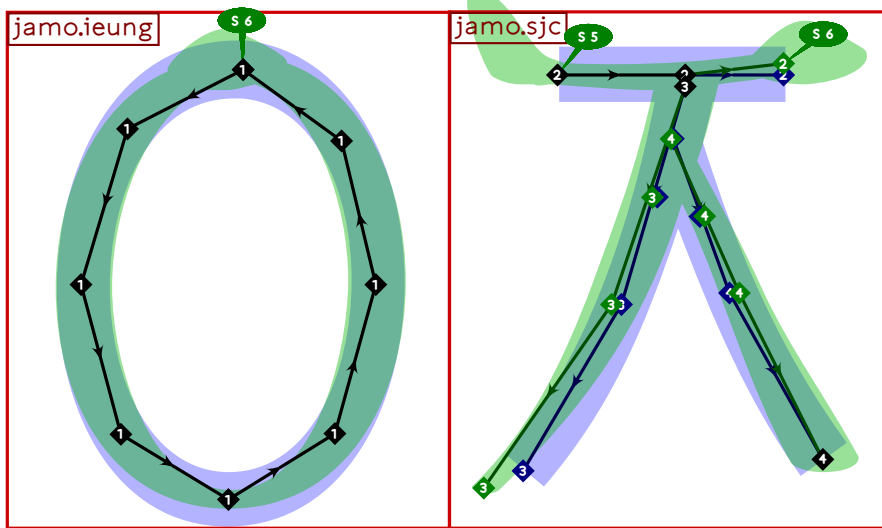
```

486 % hangul lead ssangieung
487 begintsuglyph("uni1147.lj5";71);
488   hangul.combine.lr(111,111)(whatever,lixf,loxf);
489   tsu_render;
490 endsuglyph;
491

```

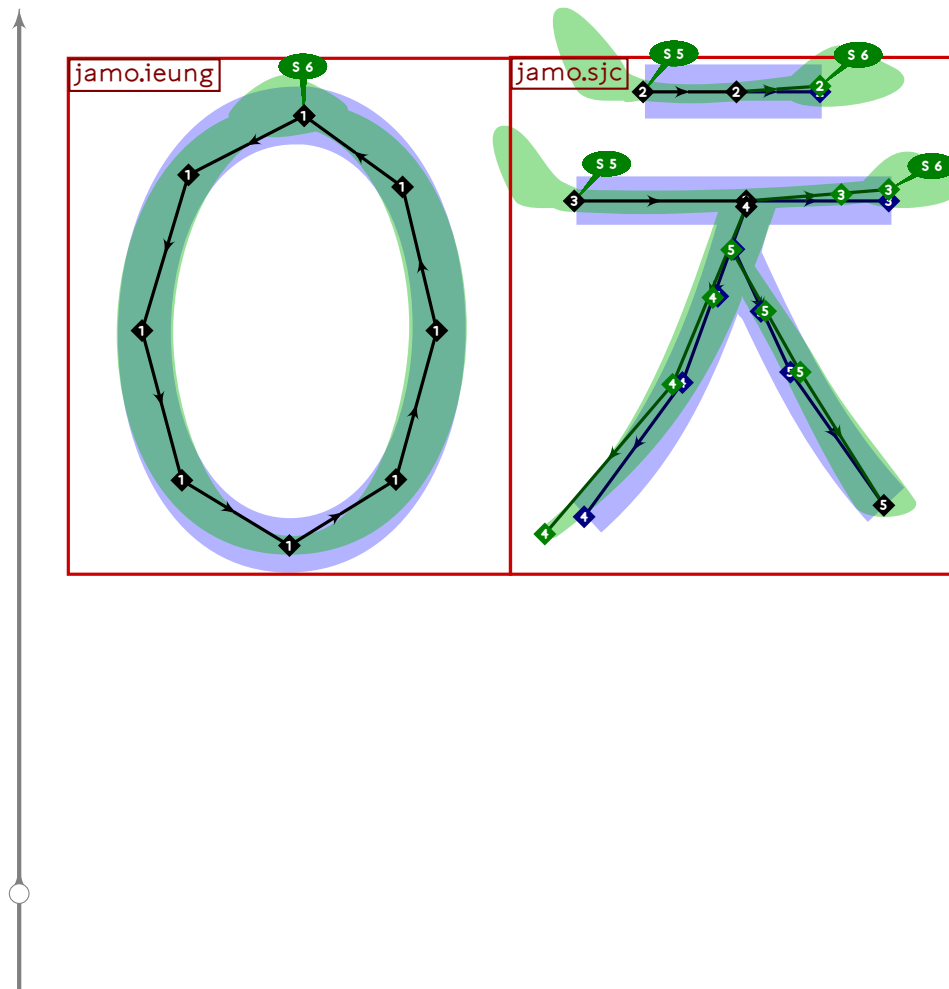
FF6

U+FF648  
jieub.uni1148.lj5



FF6

```
492 % hangul lead ieung-cieuc
493 begintsuglyph("uni1148.lj5";72);
494 hangul.combine.lr(111,112)(whatever,lixf,loxf);
495 tsu_render;
496 endtsuglyph;
497
```

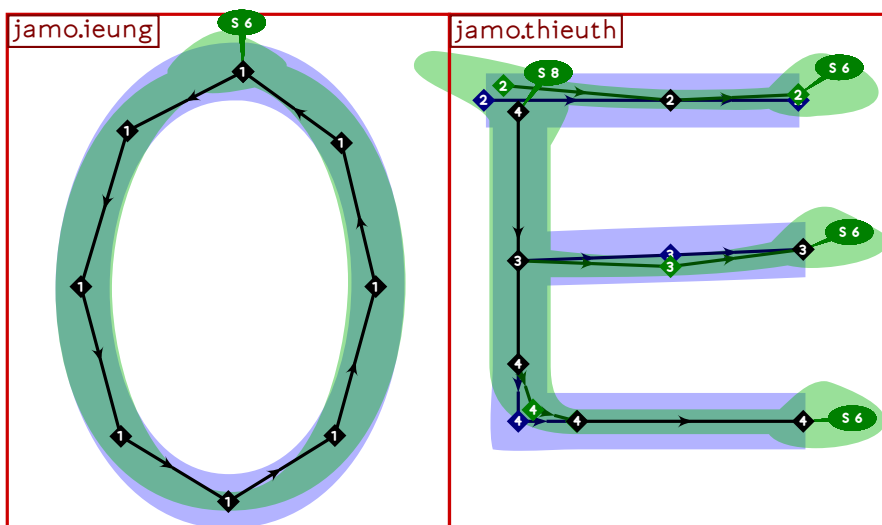


```

498 % hangul lead ieung-chieuch
499 beginsuglyph("uni1149.lj5";73);
500 hangul.combine.lr(111,114)(whatever,lixf,loxf);
501 tsu_render;
502 endsuglyph;
503

```

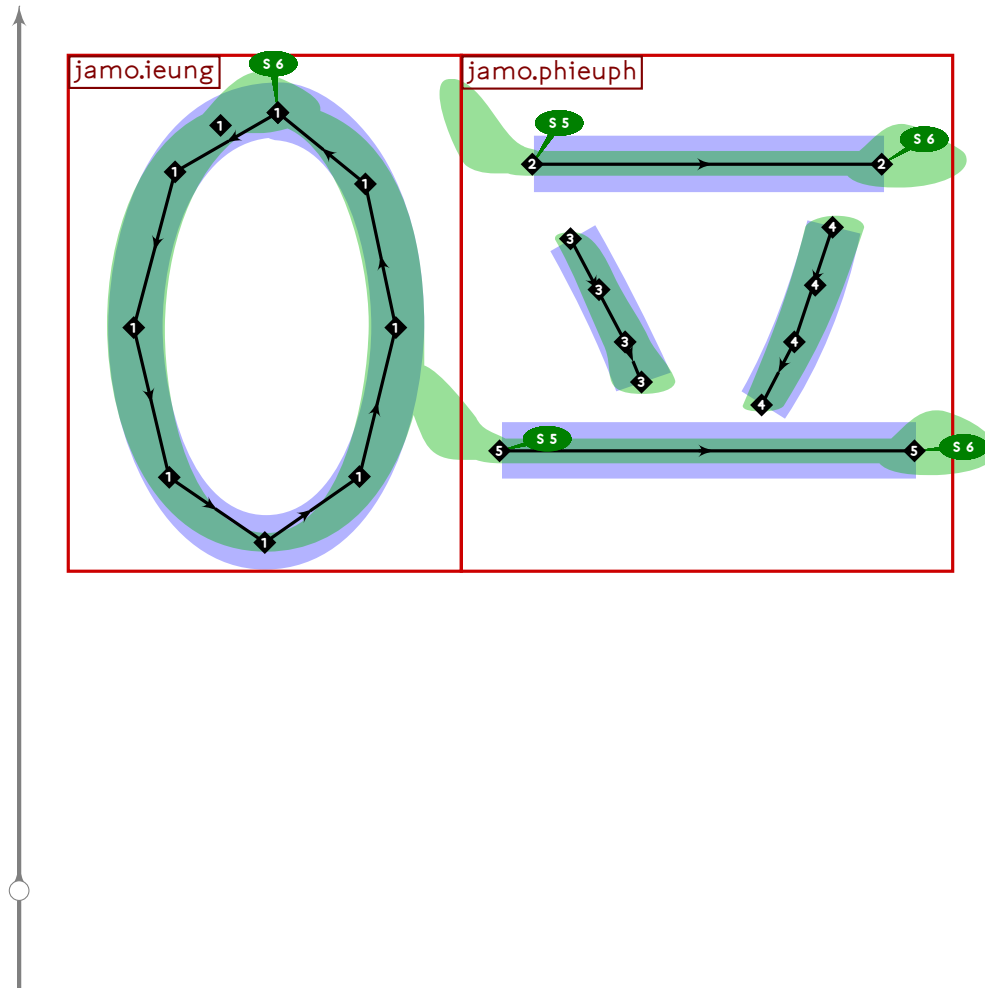
U+FF64A  
jieub.uni114A.lj5



FF6

```
504 % hangul lead ieung-theiuth
505 beginsuglyph("uni114A.lj5",74);
506   hangul.combine.lr(111,116)(whatever,lixf,loxf);
507   tsu_render;
508 endsuglyph;
509
```





FF6

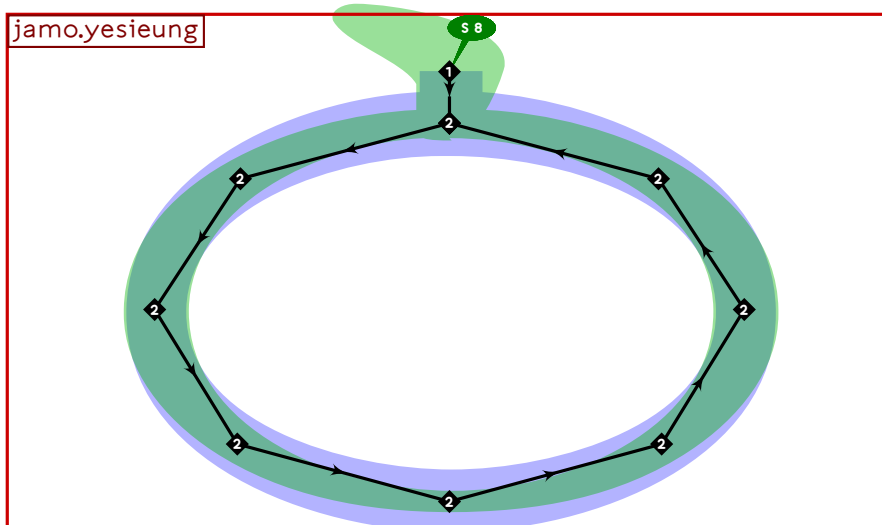
```

510 % hangul lead ieung-phieuph
511 begint Suglyph("uni114B.lj5";75);
512   hangul.combine.lr(111,117)(whatever,lixf,loxf);
513   tsu_render;
514 endtsuglyph;
515

```

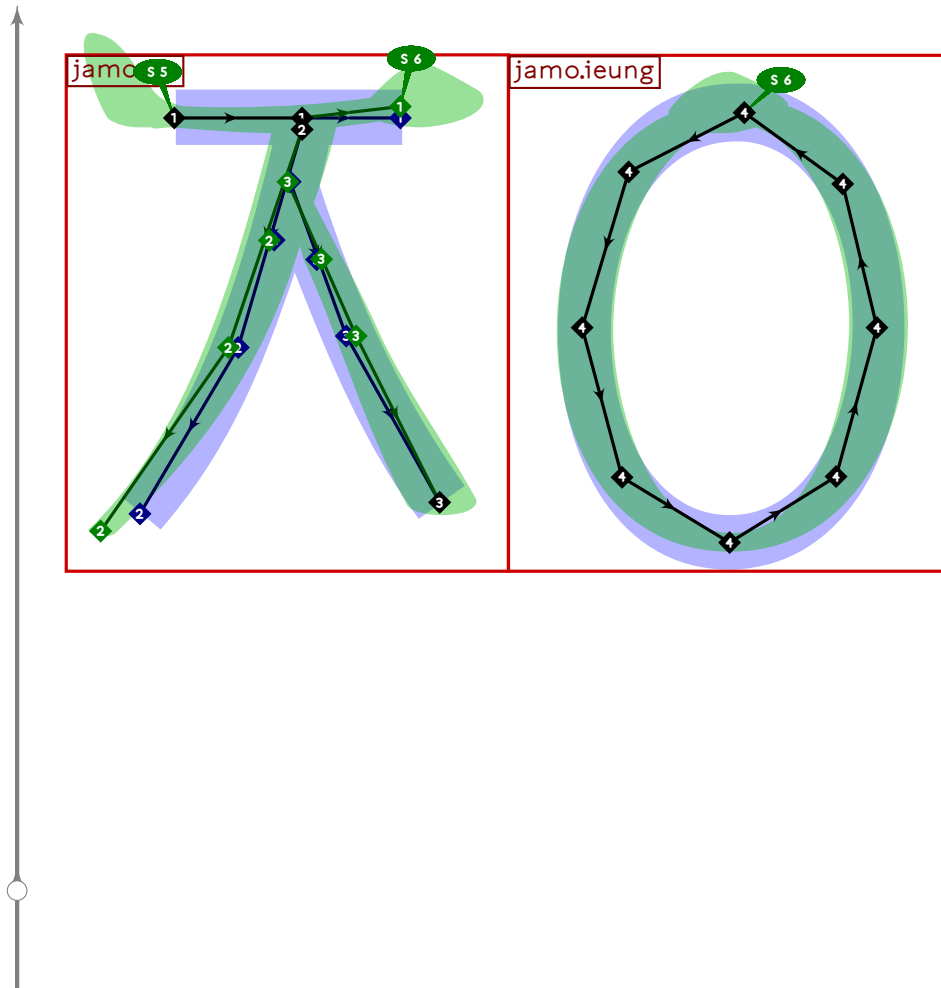
U+FF64C  
jjeub.uni114C.lj5

jamo.yesieung



FF6

```
516 % hangul lead yesieung
517 beginsuglyph("uni114C.lj5";76);
518   hangul.jamo.yesieung(whatever,lixf,loxf);
519   tsu_render;
520 endsuglyph;
521
```

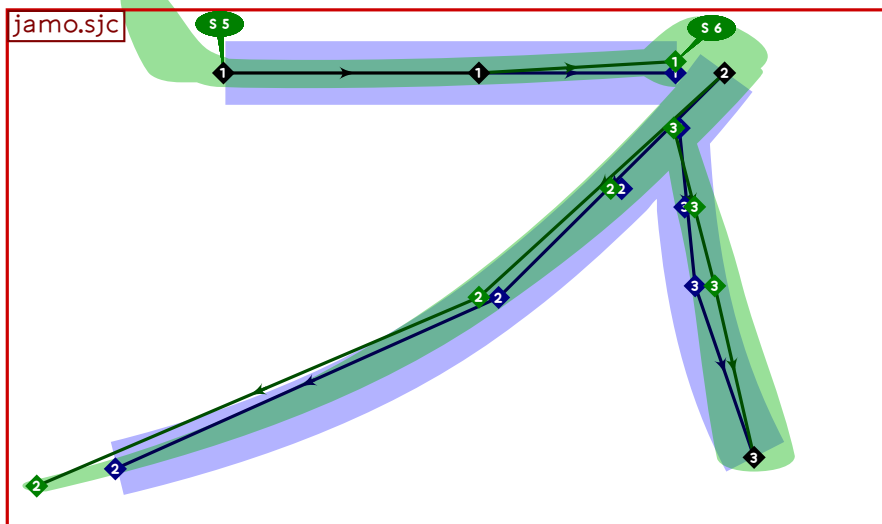


```

522 % hangul lead cieuc-ieung
523 beginsuglyph("uni114D.lj5";77);
524   hangul.combine.lr(112,111)(whatever,lixf,loxf);
525   tsu_render;
526 endsuglyph;
527

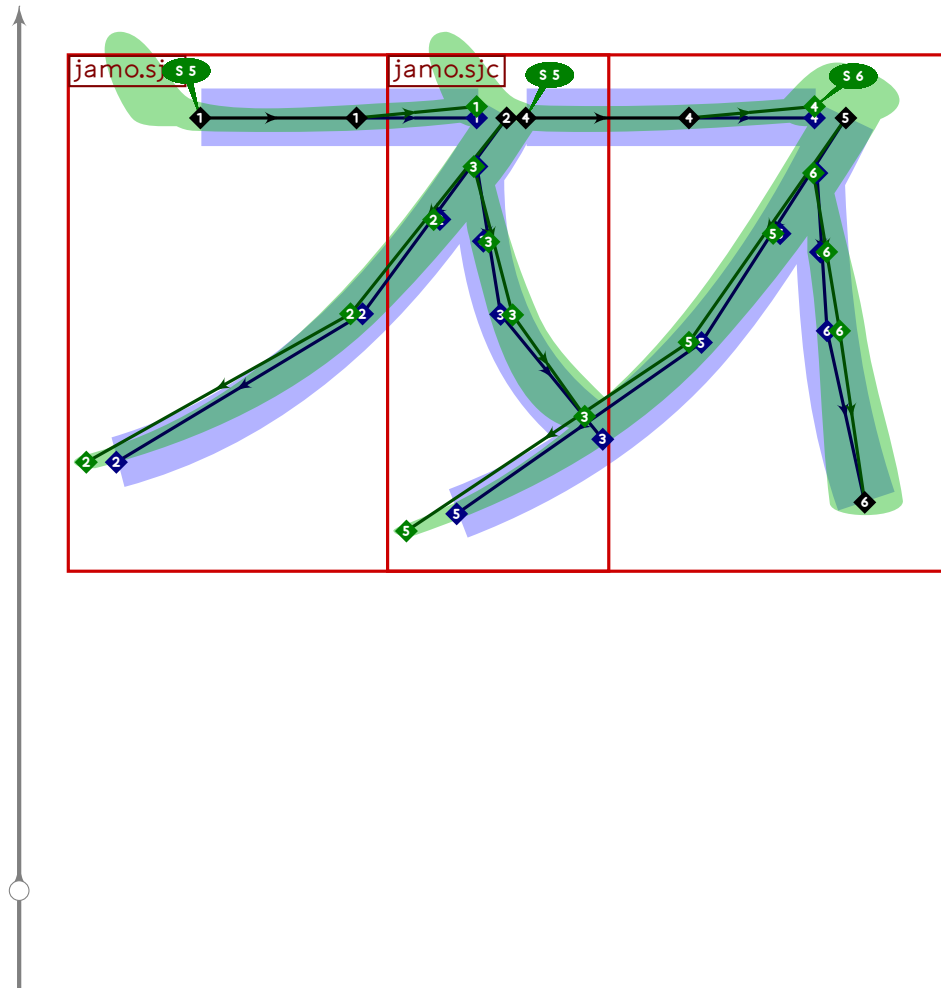
```

U+FF64E  
jieub.uni114E.lj5



FF6

```
528 % hangul lead chitueumcieuc
529 beginsuglyph("uni114E.lj5";78);
530 hangul.jamo.sjc(1,1,false)(whatever,lixf,loxf);
531 tsu_render;
532 endsuglyph;
533
```



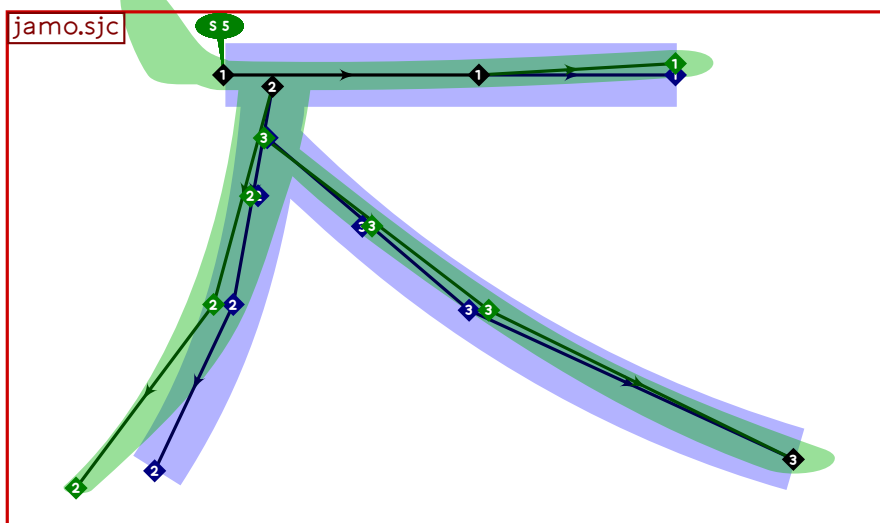
```

534 % hangul lead chitueumssangcieuc
535 begintsuglyph("uni114F.lj5";79);
536   hangul.combine.lr(227,226)(whatever,lixf,loxf);
537   tsu_render;
538 endtsuglyph;
539

```

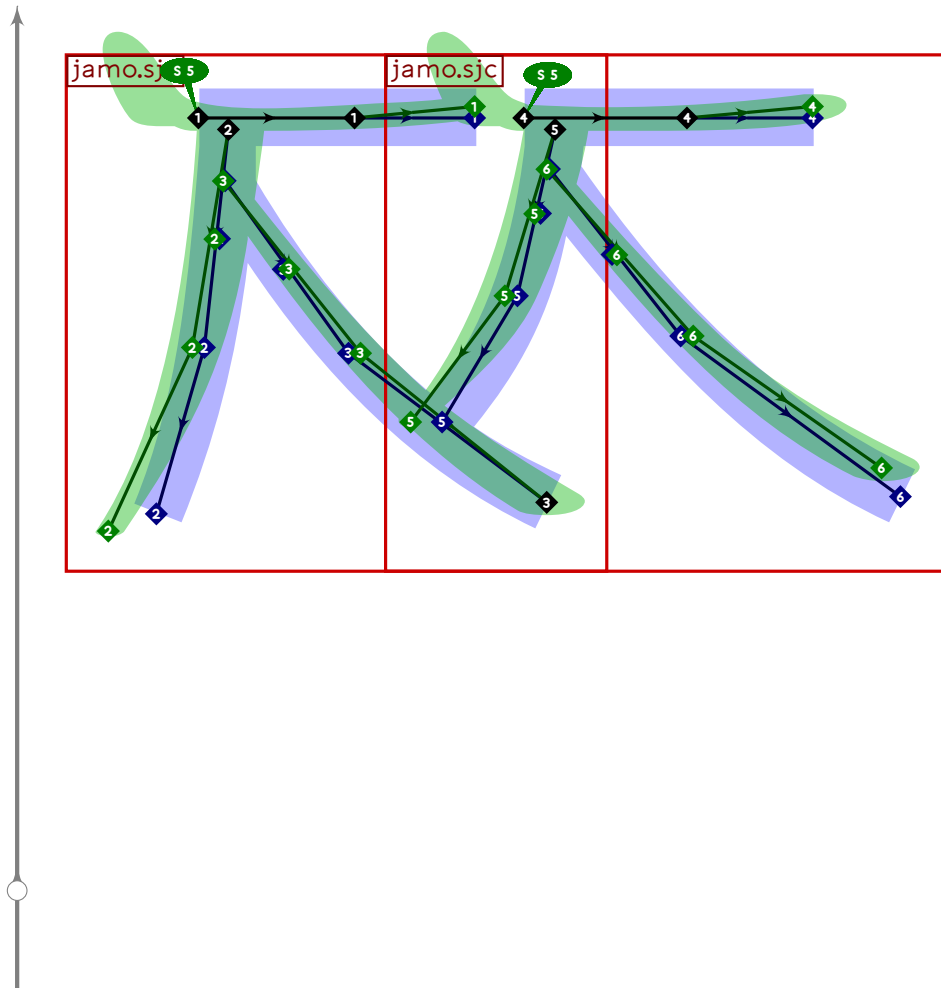
FF6

U+FF650  
jieub.uni1150.lj5



FF6

```
540 % hangul lead ceongchieumcieuc
541 begint Suglyph("uni1150.lj5";80);
542   hangul.jamo.sjc(1,-1,false)(whatever,lixf,loxf);
543   tsu_render;
544 endtsuglyph;
545
```



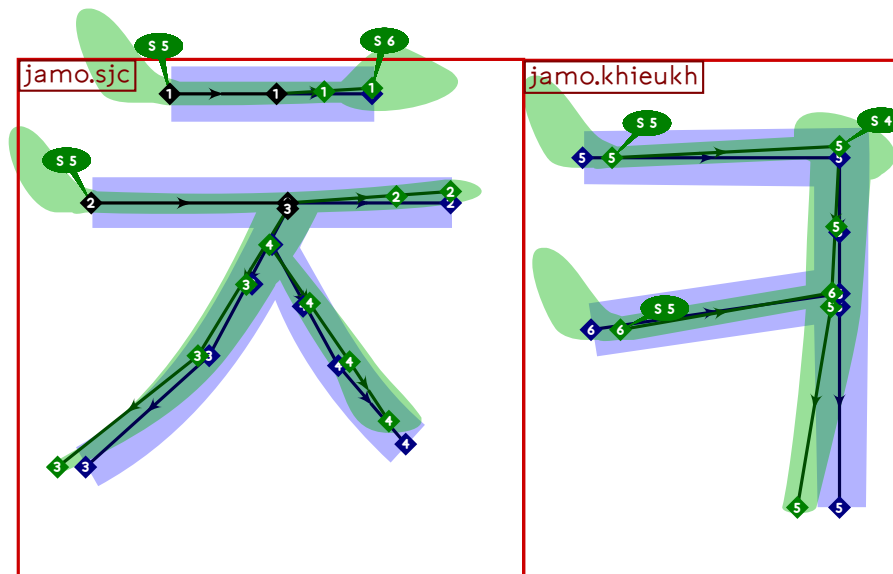
```

546 % hangul lead ceongchieumssangcieuc
547 begint Suglyph("uni1151.lj5";81);
548   hangul.combine.lr(228,229)(whatever,lixf,loxf);
549   tsu_render;
550 endtsuglyph;
551

```

FF6

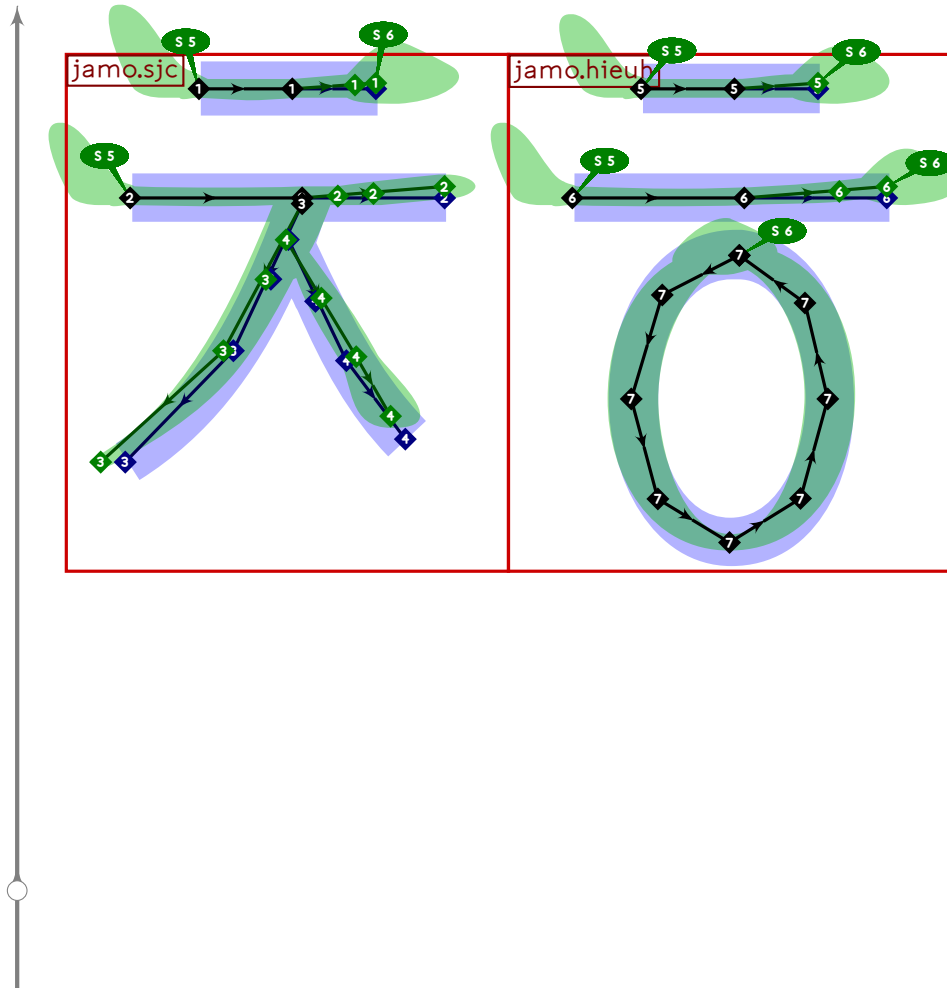
U+FF652  
jieub.uni1152.lj5



FF6

```
552 % hangul lead chieuch-khieukh
553 begintsuglyph("uni1152.lj5";82);
554 hangul.combine.lcr(214,230,115)(whatever,lixf,loxf);
555 tsu_render;
556 endtsuglyph;
557
```



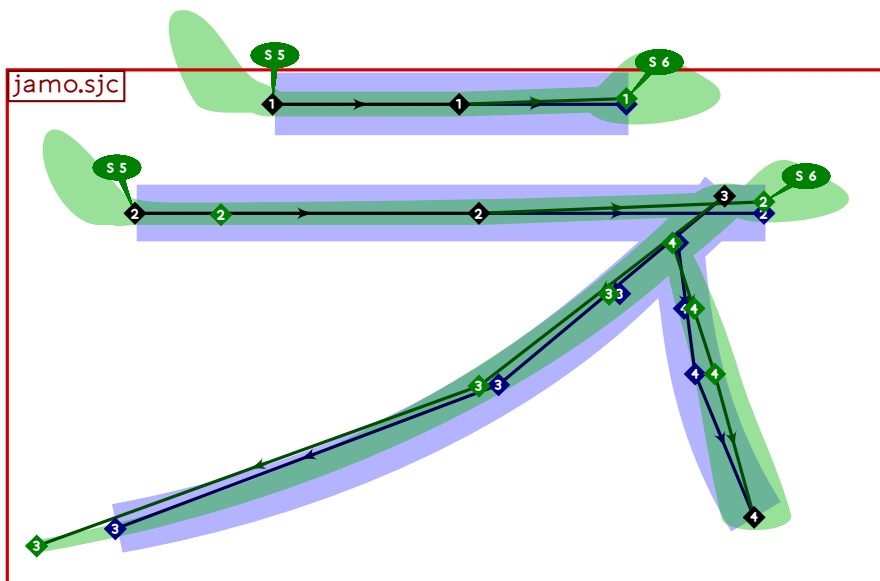


```

558 % hangul lead chieuch-hieuh
559 begintsuglyph("uni1153.lj5";83);
560 hangul.combine.lcr(214,230,118)(whatever,lixf,loxf);
561 tsu_render;
562 endtsuglyph;
563

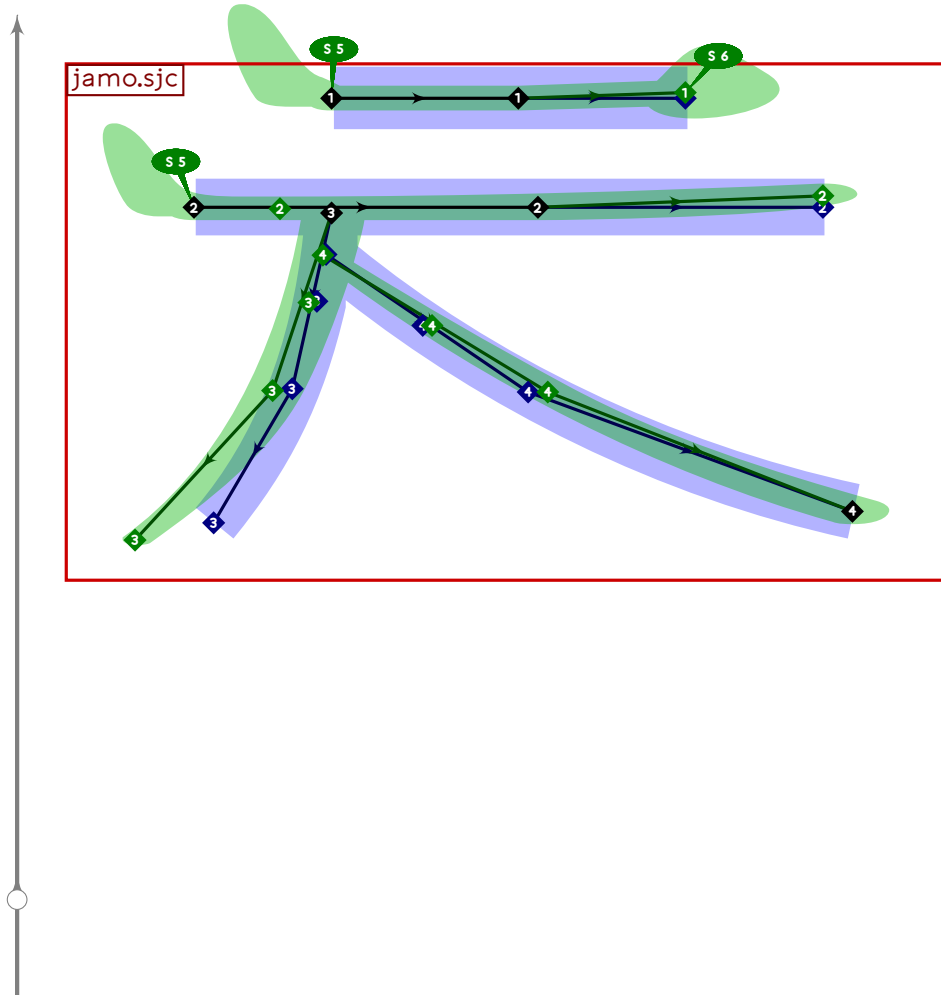
```

U+FF654  
jieub.uni1154.lj5



FF6

```
564 % hangul lead chitueumcieuc
565 begintsuglyph("uni1154.lj5";84);
566   hangul.jamo.sjc(2,1,false)(whatever,lixf,loxf);
567   tsu_render;
568 endtsuglyph;
569
```



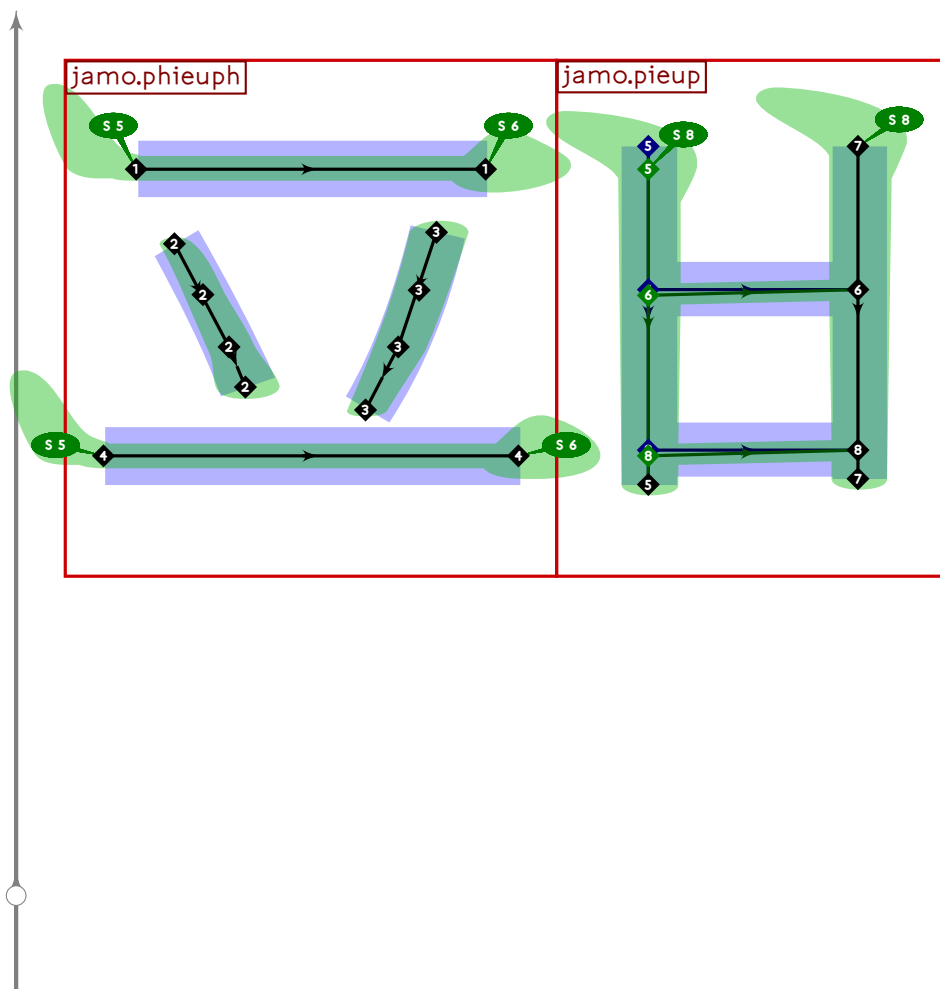
```

570 % hangul lead ceongchieumcieuc
571 begint Suglyph("uni1155.lj5";85);
572   hangul.jamo.sjc(2,-1,false)(whatever,lixf,loxf);
573   tsu_render;
574 endtsuglyph;
575

```

FF6

U+FF656  
jieub.uni1156.lj5

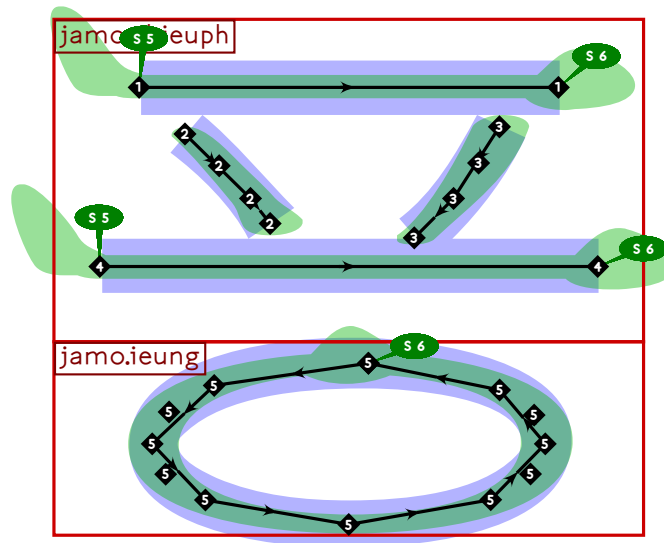


FF6

```

576 % hangul lead phieuph-pieup
577 begintsuglyph("uni1156.lj5";86);
578   hangul.combine.lr(117,107)(whatever,lxf,loxf);
579   tsu_render;
580 endsuglyph;
581

```

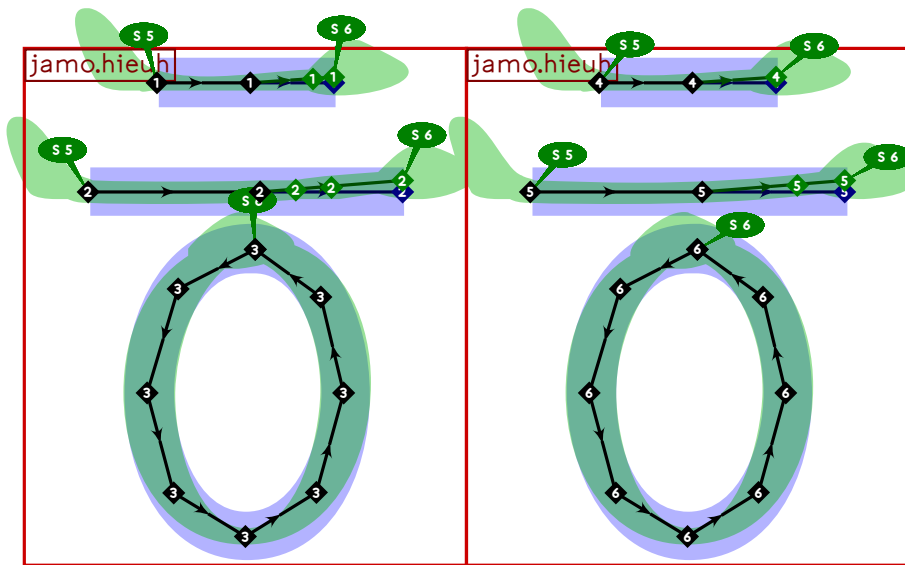


```

582 % hangul lead kapyeounphieuph
583 begint Suglyph("uni1157.lj5";87);
584   hangul.combine.tb(117,521)(whatever,
585     hxf((250,850),(850,-50)) transformed lixf,loxf);
586   tsu_render;
587 endtsuglyph;
588

```

U+FF658  
jieub.uni1158.lj5

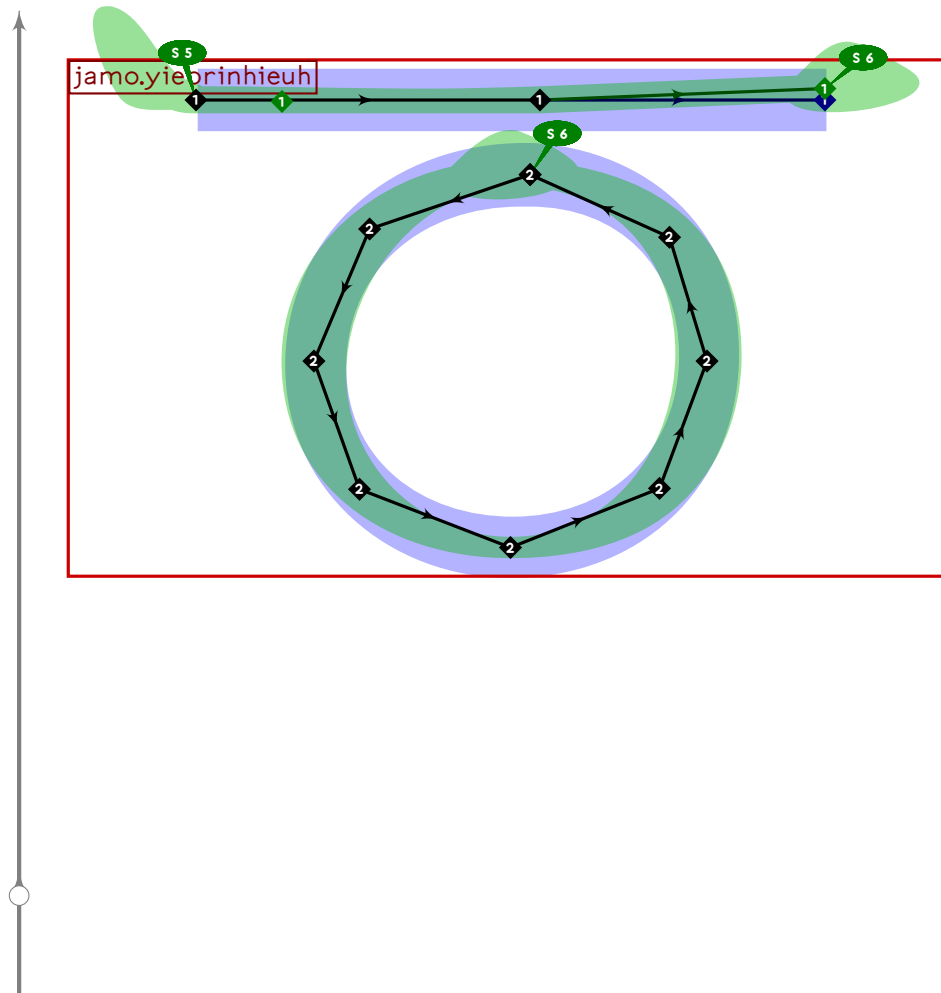


FF6

```

589 % hangul lead ssanghieuh
590 begint Suglyph("uni1158.lj5";88);
591   hangul.combine.lcr(118,230,118)(whatever,lixf,loxf);
592   tsu_render;
593 endtsuglyph;
594

```

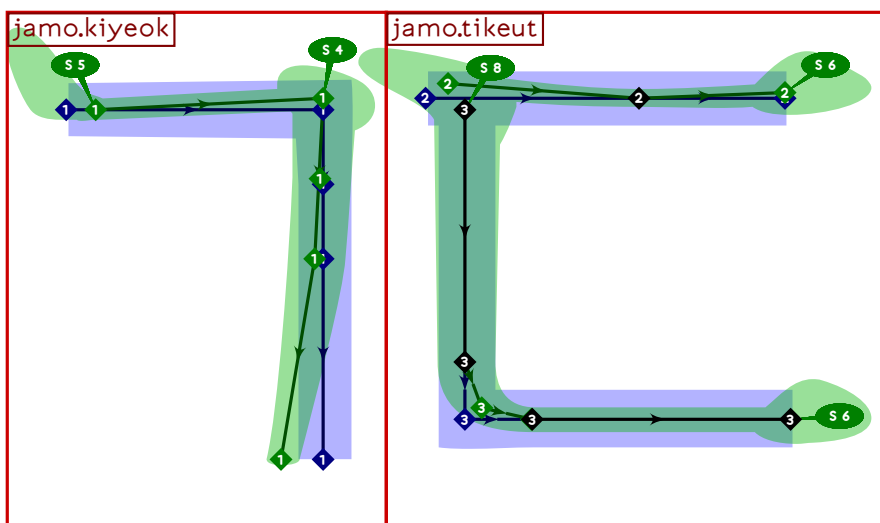


```

595 % hangul lead yeorinhieuh
596 beginsuglyph("uni1159.lj5";89);
597   hangul.jamo.yeorinhieuh(whatever,lixf,loxf);
598   tsu_render;
599 endsuglyph;
600

```

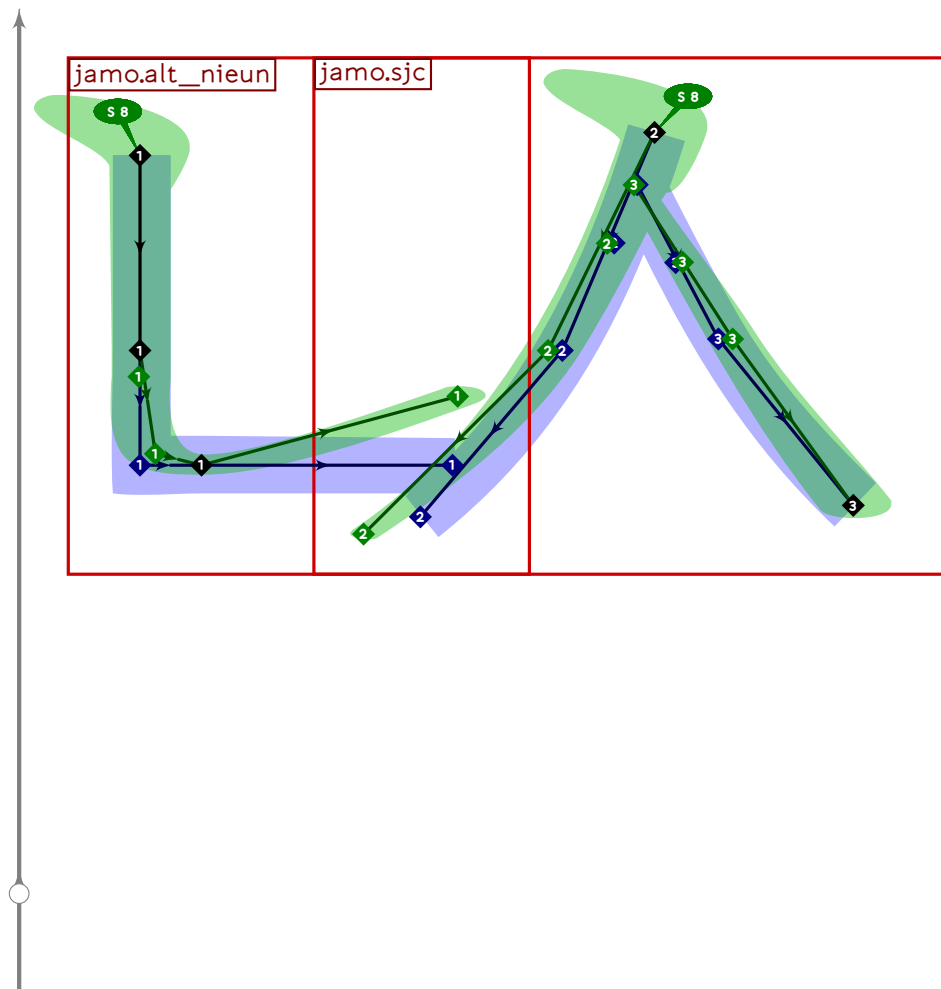
U+FF65A  
jieub.uni115A.lj5



FF6

```
601 % hangul lead kiyeok-tikeut
602 beginsuglyph("uni115A.lj5",90);
603   hangul.combine.lr(100,103)(whatever,lixf,loxf);
604   tsu_render;
605 endsuglyph;
606
```





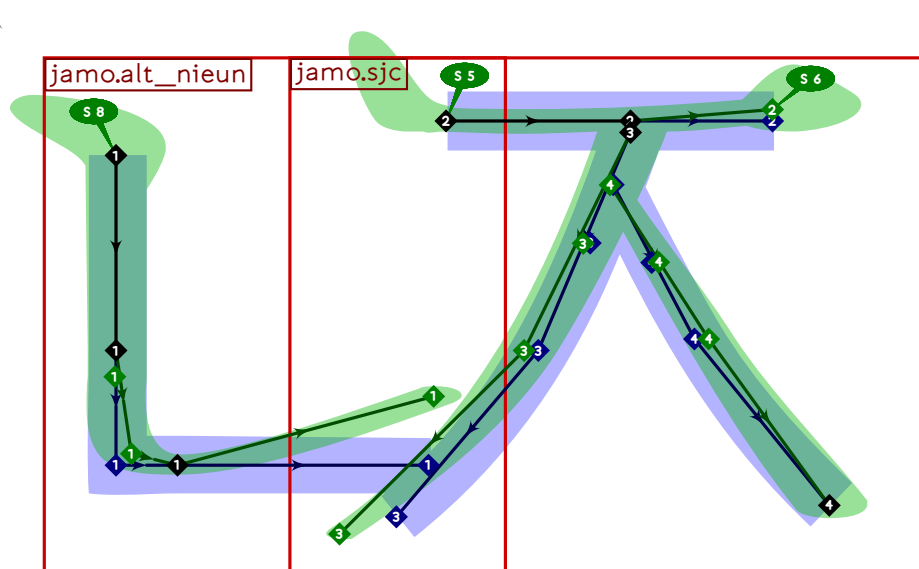
FF6

```

607 % hangul lead nieun-sios
608 begintsuglyph("uni115B.lj5";91);
609 hangul.combine.lr(202,109)(whatever,lixf,loxf);
610 tsu_render;
611 endtsuglyph;
612

```

U+FF65C  
jieub.uni115C.lj5

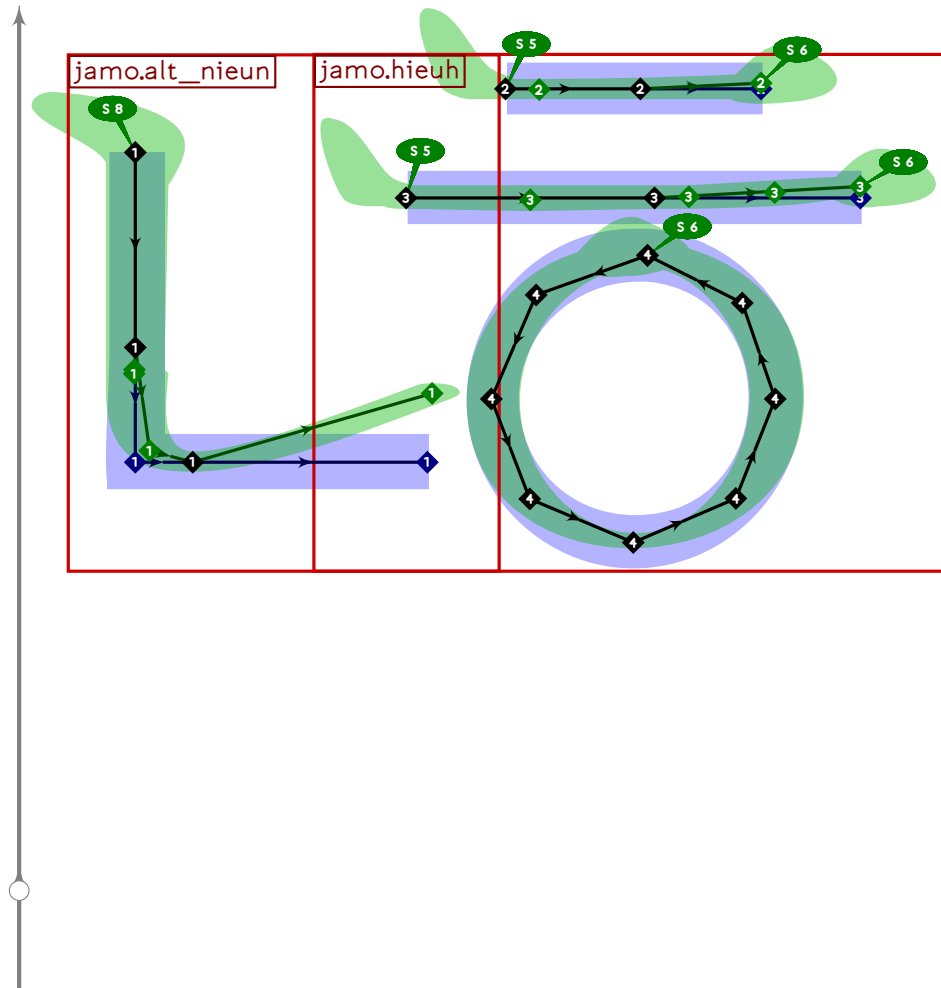


FF6

```

613 % hangul lead nieun-cieuc
614 begintsuglyph("uni115C.lj5";92);
615   hangul.combine.lr(202,112)(whatever,lixf,loxf);
616   tsu_render;
617 endsuglyph;
618

```



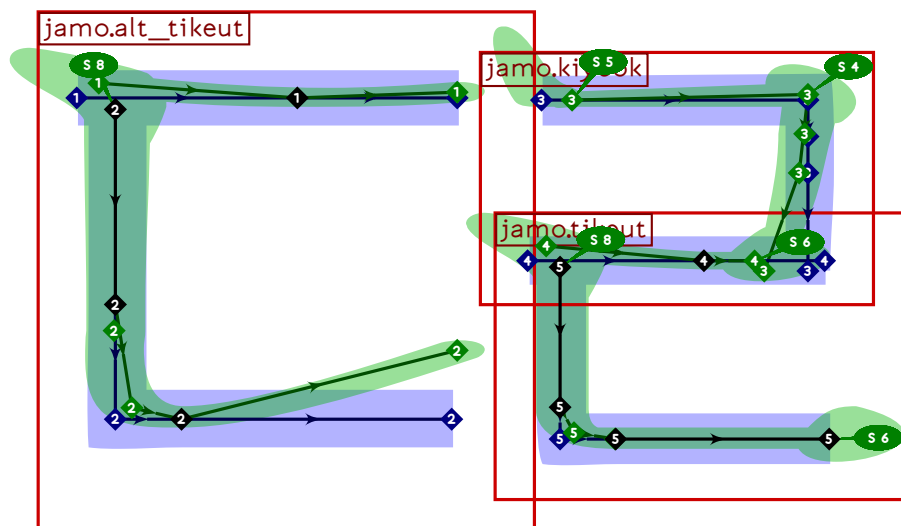
FF6

```

619 % hangul lead nieun-hieuh
620 beginsuglyph("uni115D.lj5",93);
621   hangul.combine.lr(202,118)(whatever,lixf,loxf);
622   tsu_render;
623 endsuglyph;
624

```

U+FF65E  
jjeub.uni115E.lj5

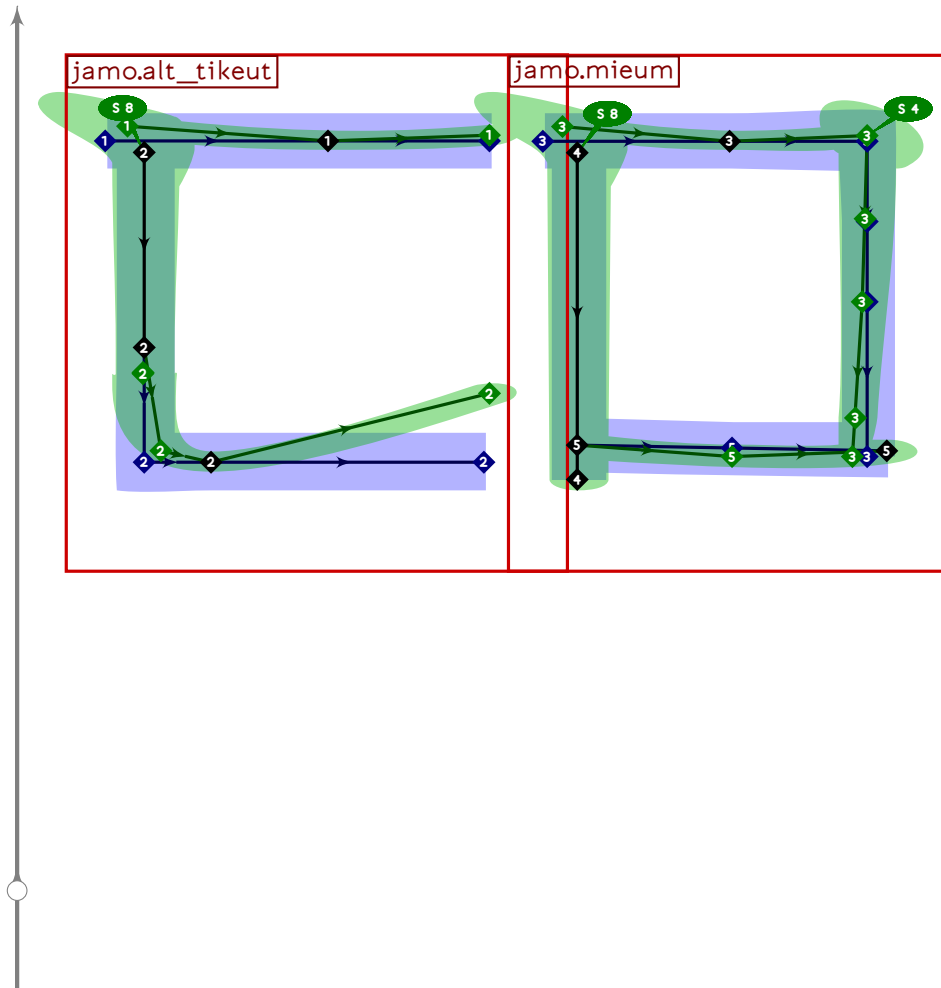


FF6

```

625 % hangul lead tikeut-rieul
626 begintsuglyph("uni115E.lj5";94);
627   hangul.combine.lr(203,105)(whatever,lixf,loxf);
628   tsu_render;
629 endsuglyph;
630

```



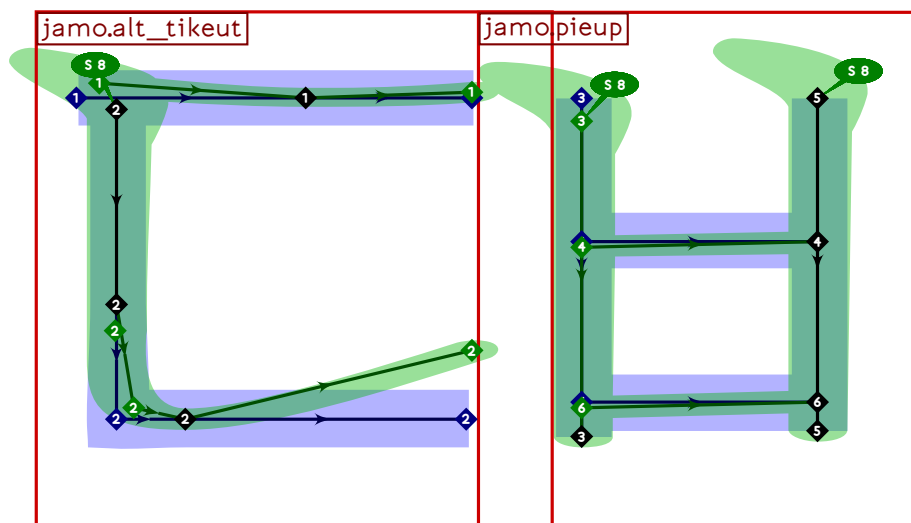
```

631 % hangul lead tikeut-mieum
632 begintsuglyph("uniA960.lj5'96);
633   hangul.combine.lr(203,106)(whatever,lxf,loxf);
634   tsu_render;
635 endtsuglyph;
636

```

FF6

U+FF661  
jjeub.uniA961.lj5

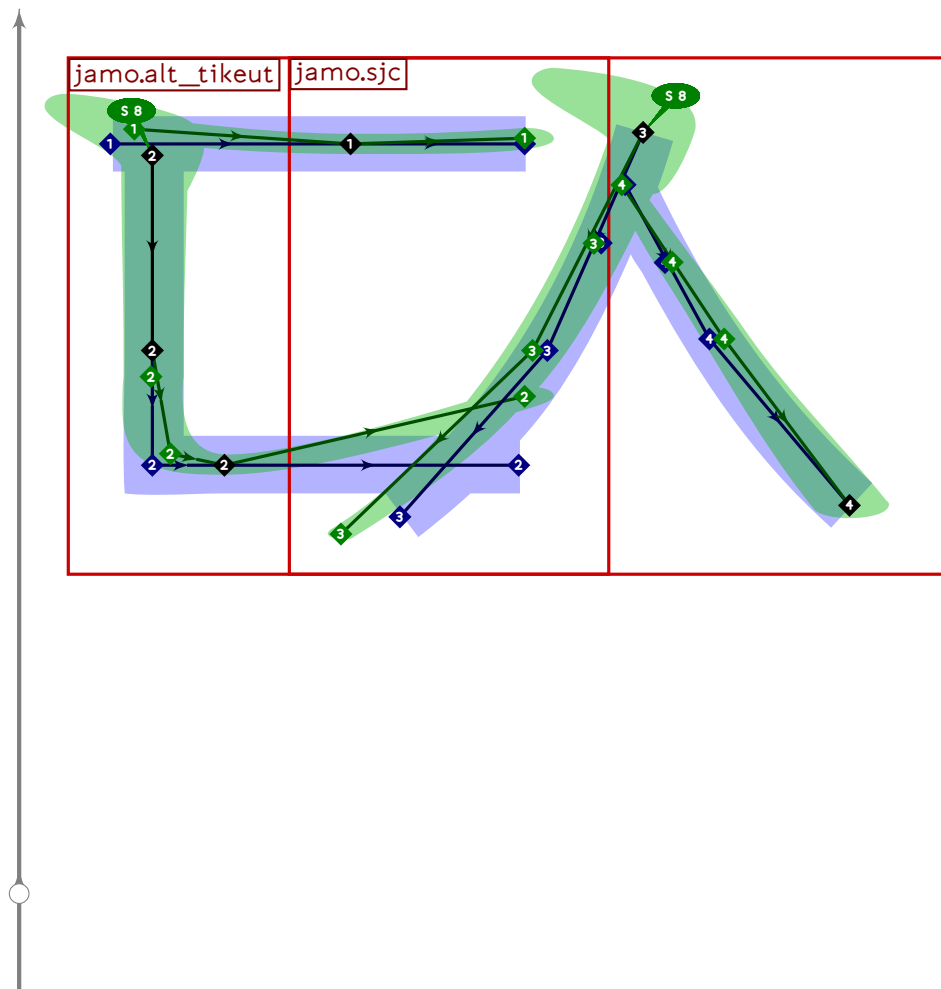


FF6

```

637 % hangul lead tikeut-pieup
638 begintsuglyph("uniA961.lj5",97);
639 hangul.combine.lr(203,107)(whatever,lixf,loxf);
640 tsu_render;
641 endsuglyph;
642

```



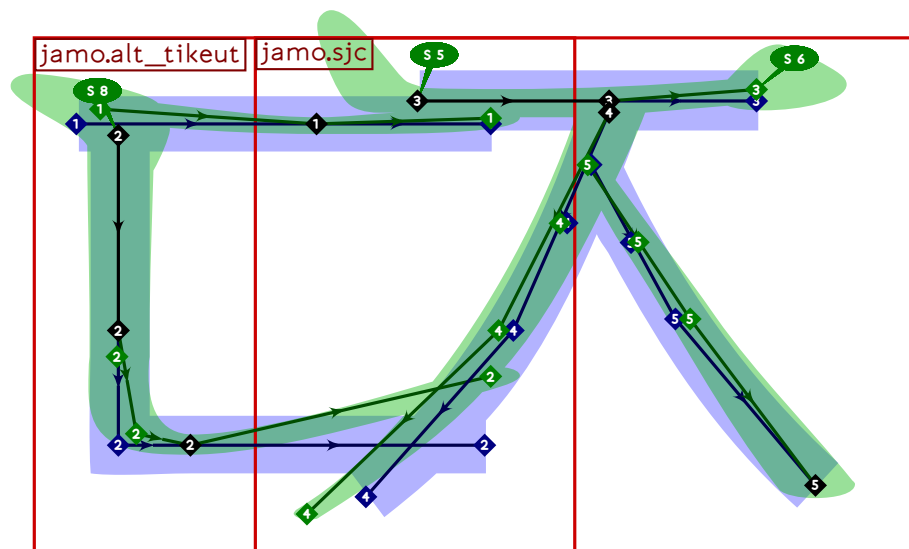
```

643 % hangul lead tikeut-sios
644 beginsuglyph("uniA962.lj5";98);
645   hangul.combine.lr(203,109)(whatever,lixf,loxf);
646   tsu_render;
647 endsuglyph;
648

```

FF6

U+FF663  
jieub.uniA963.lj5



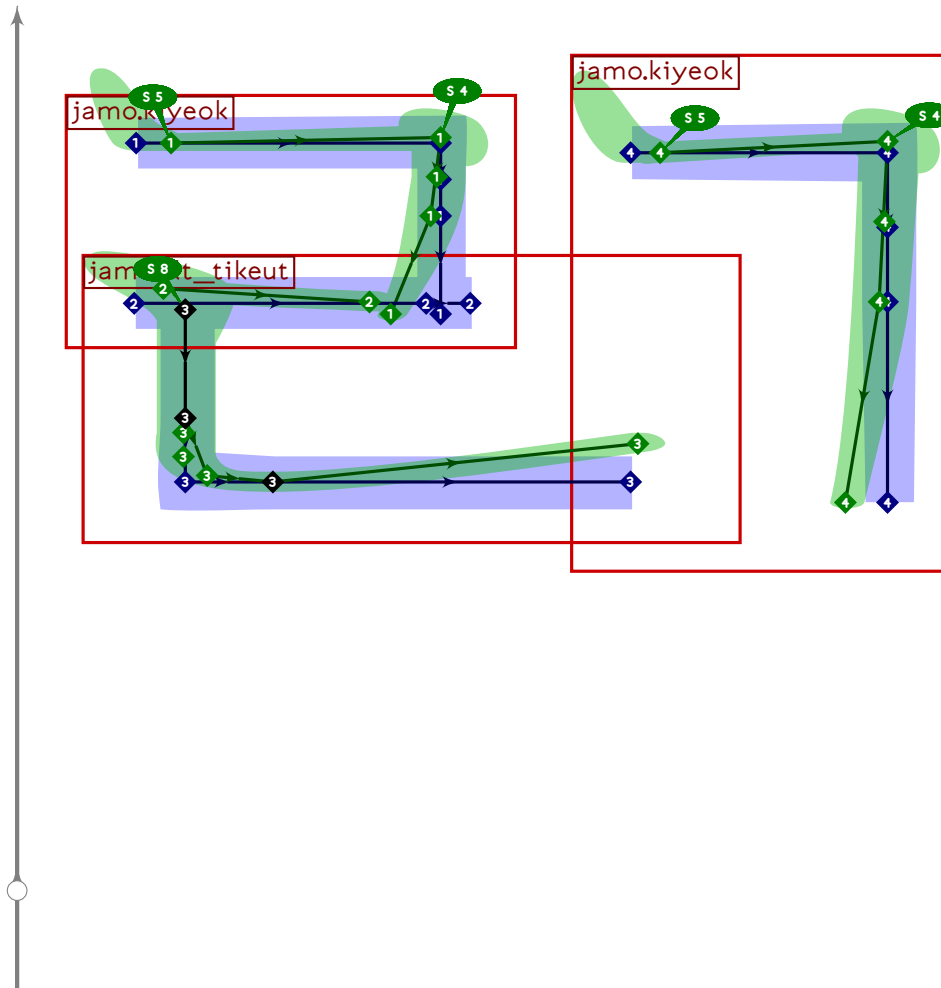
FF6

```

649 % hangul lead tikeut-cieuc
650 begintsuglyph("uniA963.lj5";99);
651   hangul.combine.lr(203,112)(whatever,lixf,loxf);
652   tsu_render;
653 endtsuglyph;
654

```



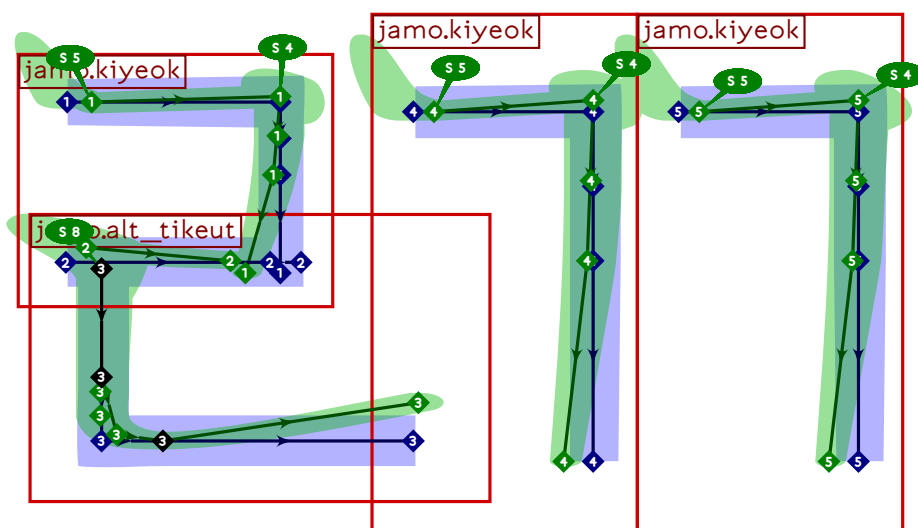


```

655 % hangul lead rieul-kiyeok
656 beginsuglyph("uniA964.lj5";100);
657 hangul.combine.lr(205,100)(whatever,lixf,loxf);
658 tsu_render;
659 endsuglyph;
660

```

U+FF665  
jieub.uniA965.lj5



FF6

```

661 % hangul lead rieul-ssangkiyeok
662 begintsuglyph("uniA965.lj5";101);
663 hangul.combine.lcr(205,100,100)(whatever,lixf,loxf);
664 tsu_render;
665 endsuglyph;
666

```

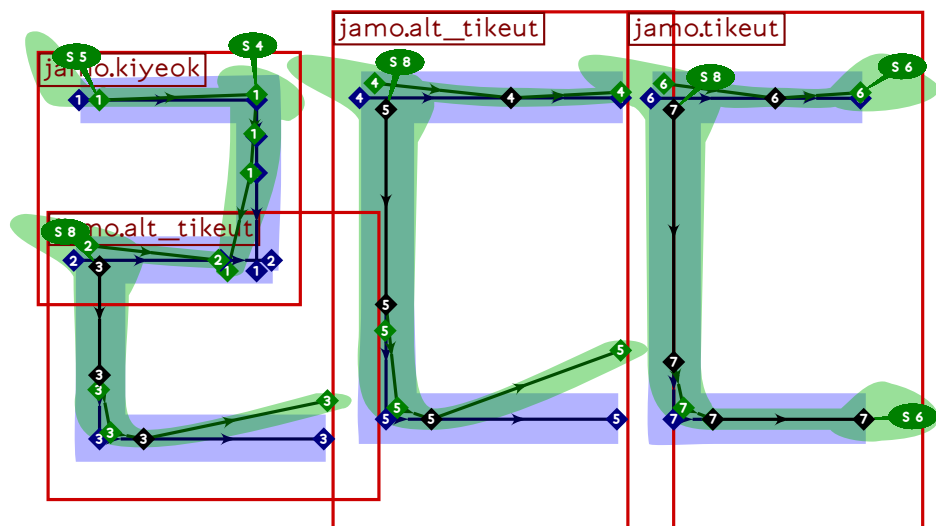


```

667 % hangul lead rieul-tikeut
668 begintsuglyph("uniA966.lj5",102);
669   hangul.combine.lr(205,103)(whatever,lixf,loxf);
670   tsu__render;
671 endtsuglyph;
672

```

U+FF667  
jieub.uniA967.lj5

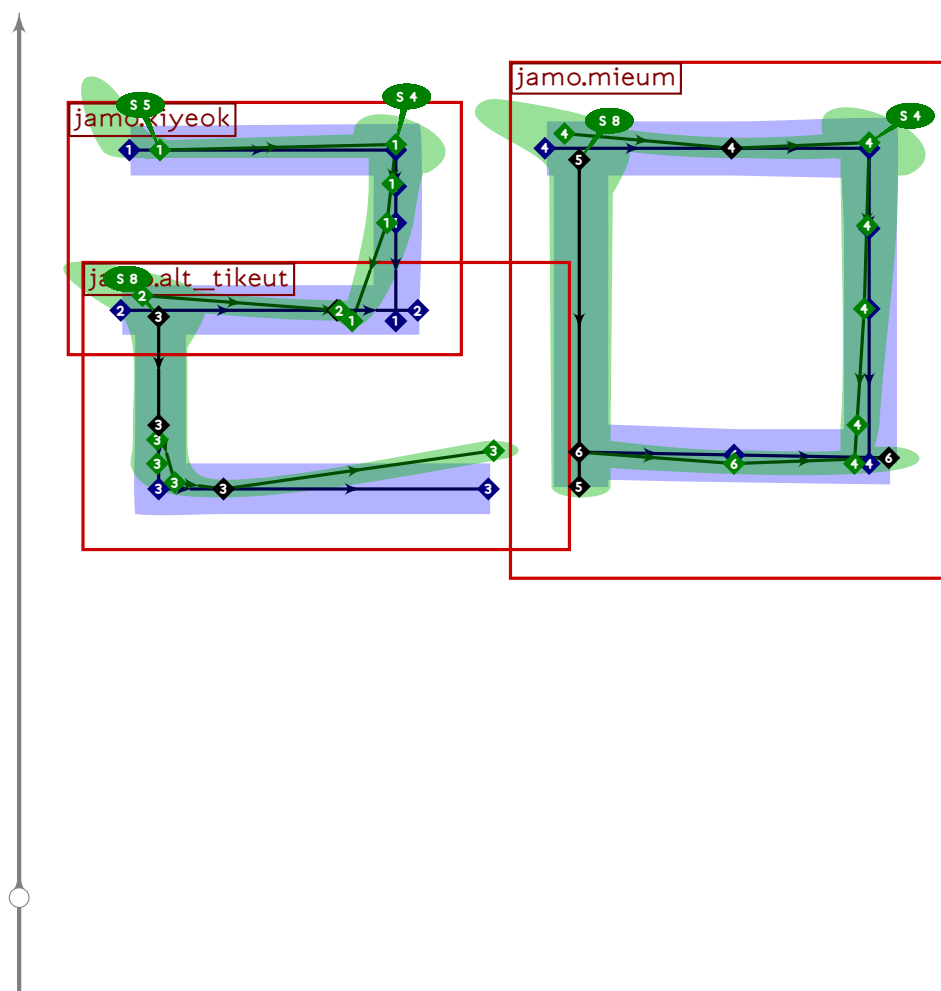


FF6

```

673 % hangul lead rieul-ssangtikeut
674 beginsuglyph("uniA967.lj5";103);
675   hangul.combine.lcr(205,203,103)(whatever,lixf,loxf);
676   tsu_render;
677 endsuglyph;
678

```

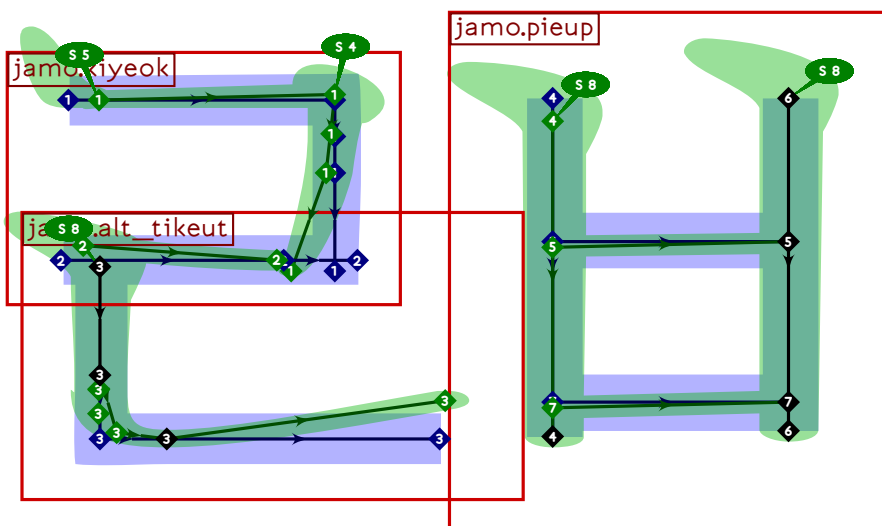


```

679 % hangul lead rieul-mieum
680 beginsuglyph("uniA968.lj5",104);
681   hangul.combine.lr(205,106)(whatever,lixf,loxf);
682   tsu_render;
683 endsuglyph;
684

```

U+FF669  
jjeub.uniA969.lj5

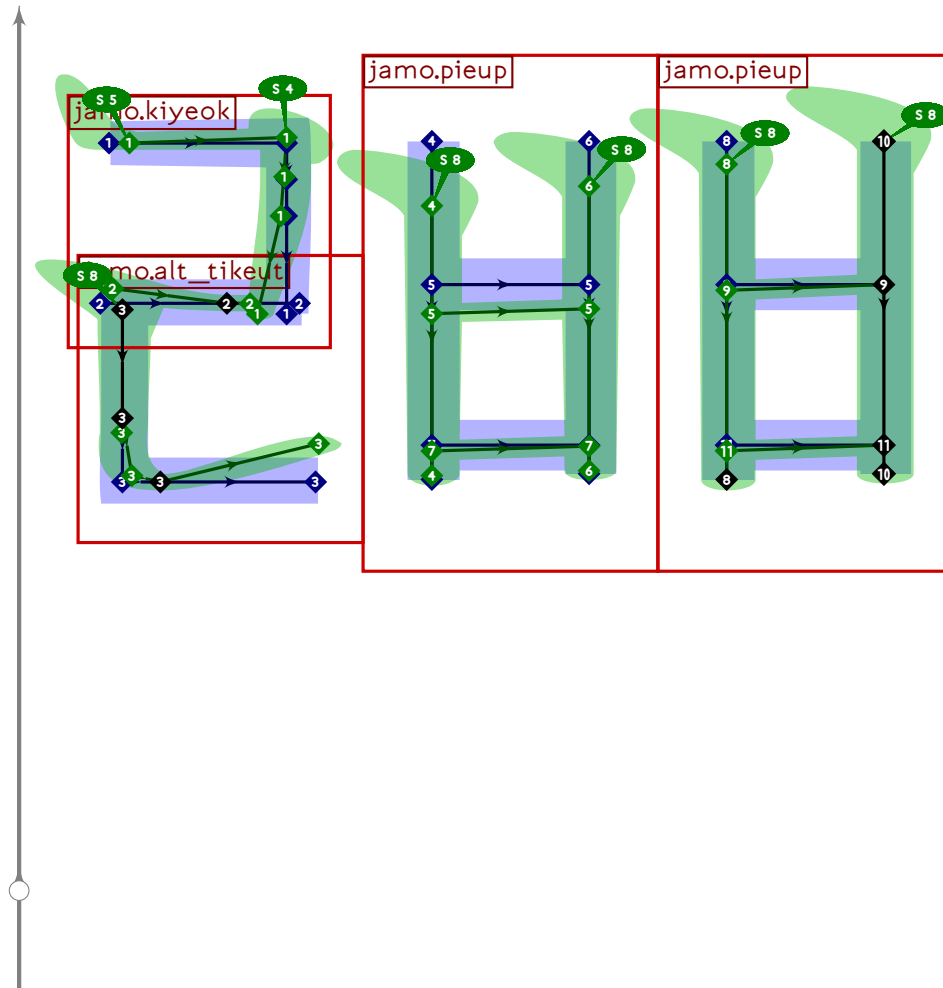


FF6

```

685 % hangul lead rieul-pieup
686 begint Suglyph("uniA969.lj5";105);
687   hangul.combine.lr(205,107)(whatever;lixf,loxf);
688   tsu_render;
689 endtsuglyph;
690

```

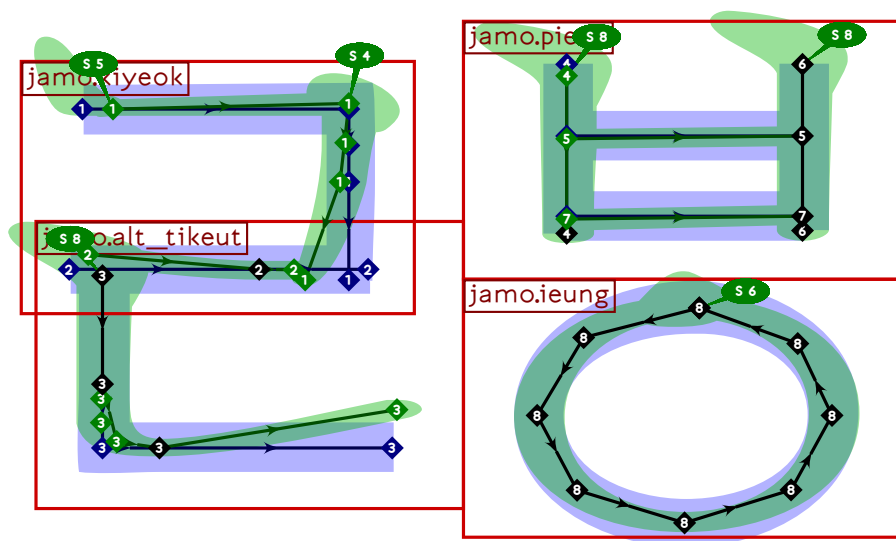


```

691 % hangul lead rieul-ssangpieup
692 begintsuglyph("uniA96A.lj5",106);
693   hangul.combine.lcr(205,207,107)(whatever,lixf,loxf);
694   tsu_render;
695 endtsuglyph;
696

```

U+FF66B  
jieub.uniA96B.lj5



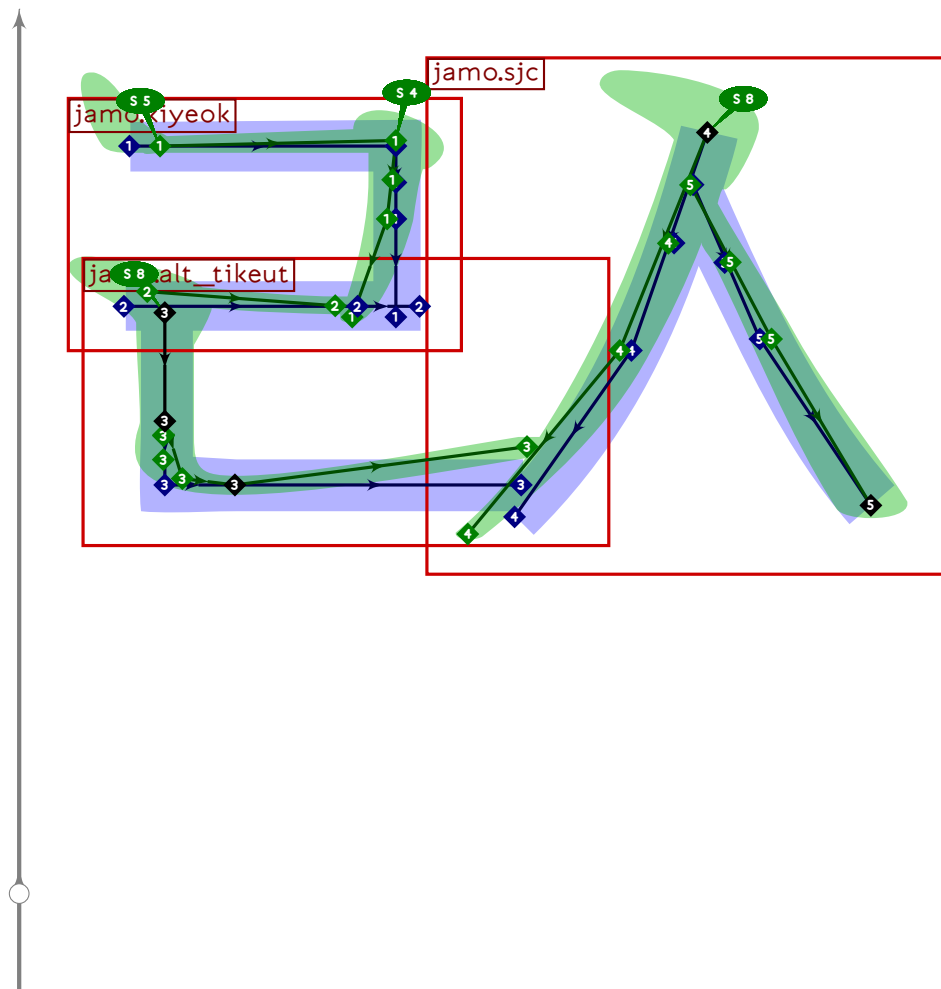
FF6

```

697 % hangul lead rieul-kapyeounpieup
698 begintsuglyph("uniA96B.lj5",107);
699 hangul.combine.lr(205,231)(whatever,lixf,loxf);
700 tsu_render;
701 endsuglyph;
702

```





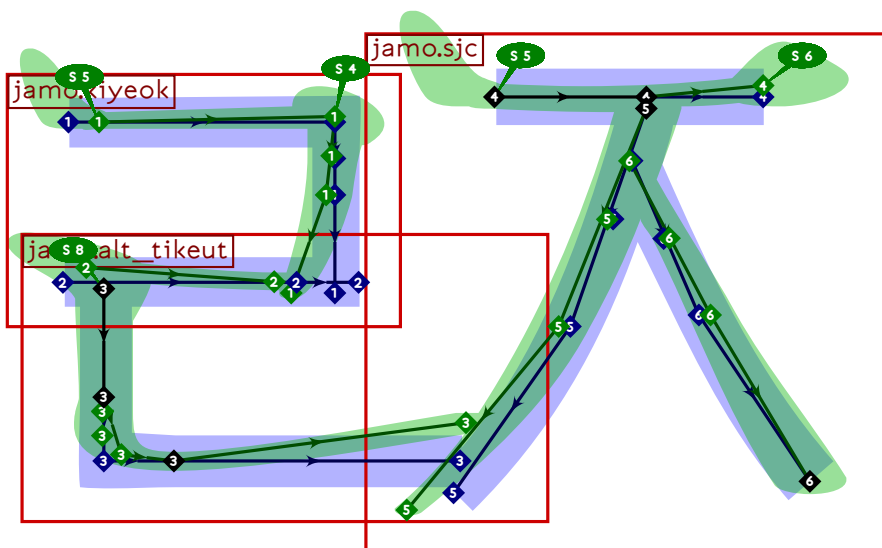
FF6

```

703 % hangul lead rieul-sios
704 begintsuglyph("uniA96C.lj5",108);
705   hangul.combine.lr(205,109)(whatever,lixf,loxf);
706   tsu_render;
707 endtsuglyph;
708

```

U+FF66D  
jieub.uniA96D.lj5

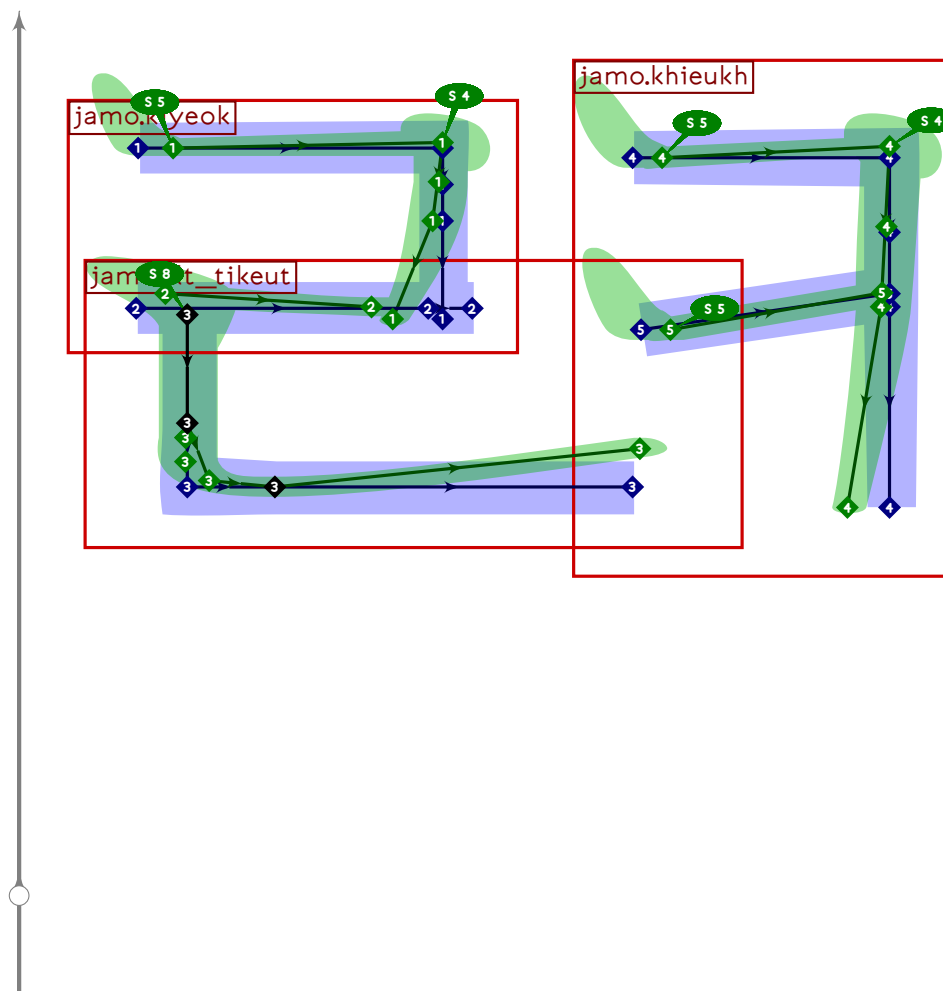


FF6

```

709 % hangul lead rieul-cieuc
710 beginsuglyph("uniA96D.lj5",109);
711   hangul.combine.lr(205,112)(whatever,lixf,loxf);
712   tsu_render;
713 endsuglyph;
714

```



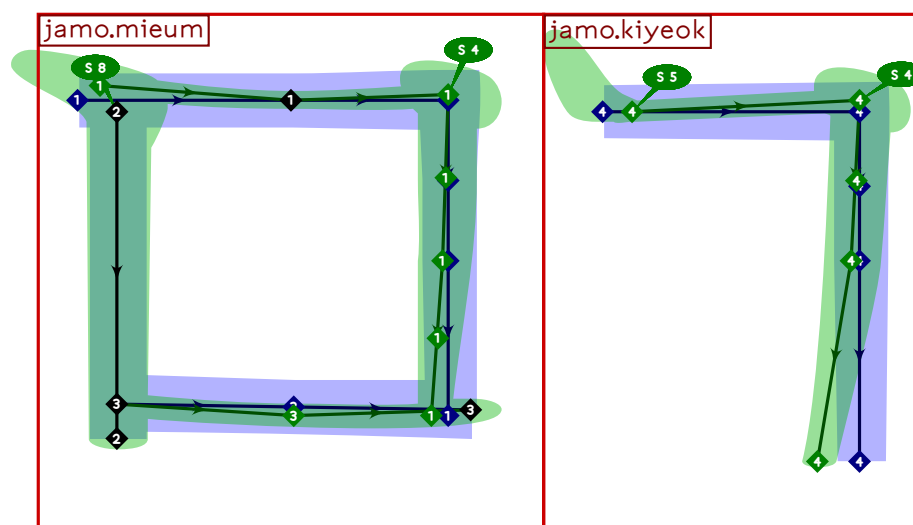
FF6

```

715 % hangul lead rieul-khieukh
716 begintsuglyph("uniA96E.lj5",110);
717 hangul.combine.lr(205,115)(whatever,lixf,loxf);
718 tsu_render;
719 endsuglyph;
720

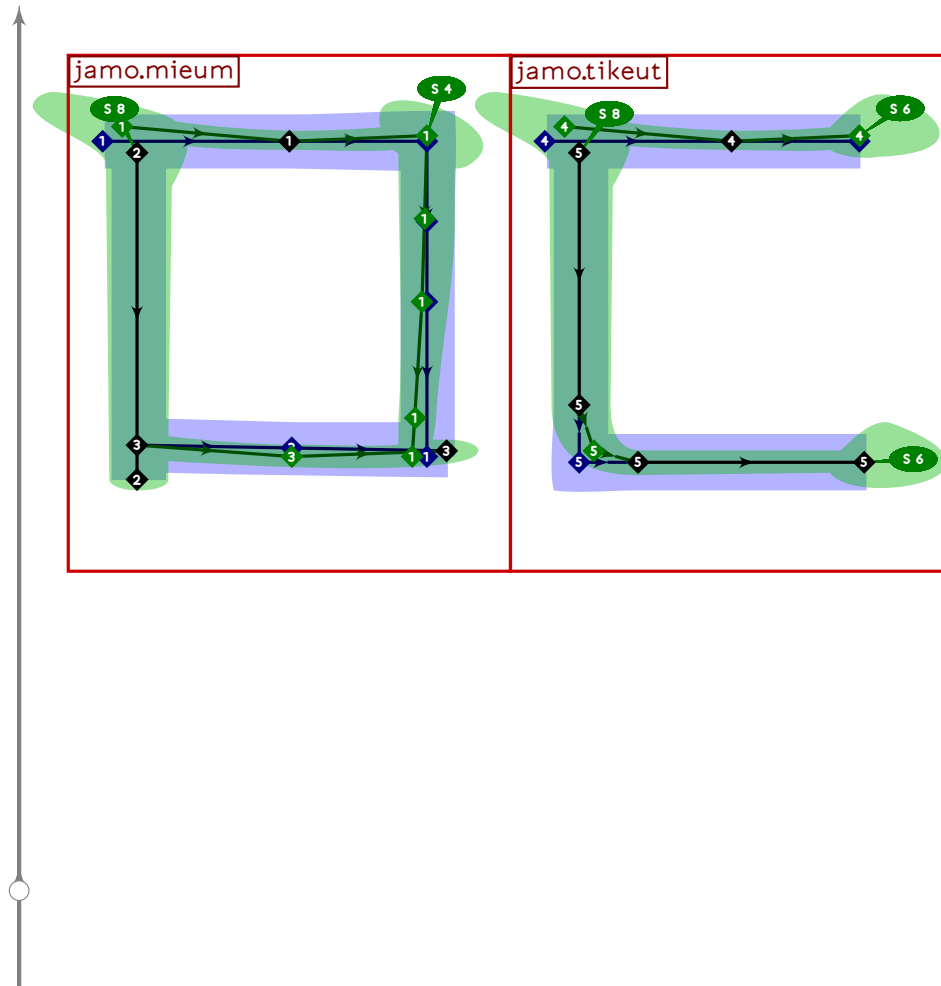
```

U+FF66F  
jieub.uniA96F.lj5



FF6

```
721 % hangul lead mieum-kiyeok
722 begintsuglyph("uniA96F.lj5";111);
723   hangul.combine.lr(106,100)(whatever,lixf,loxf);
724   tsu_render;
725 endtsuglyph;
726
```

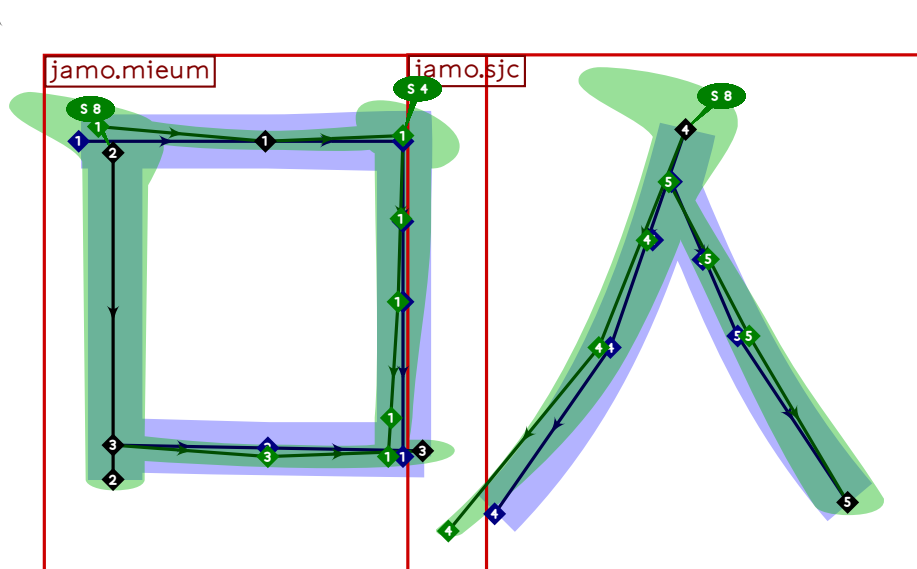


```

727 % hangul lead mieum-tikeut
728 begintsuglyph("uniA970.lj5",112);
729 hangul.combine.lr(106,103)(whatever,lixf,loxf);
730 tsu_render;
731 endtsuglyph;
732

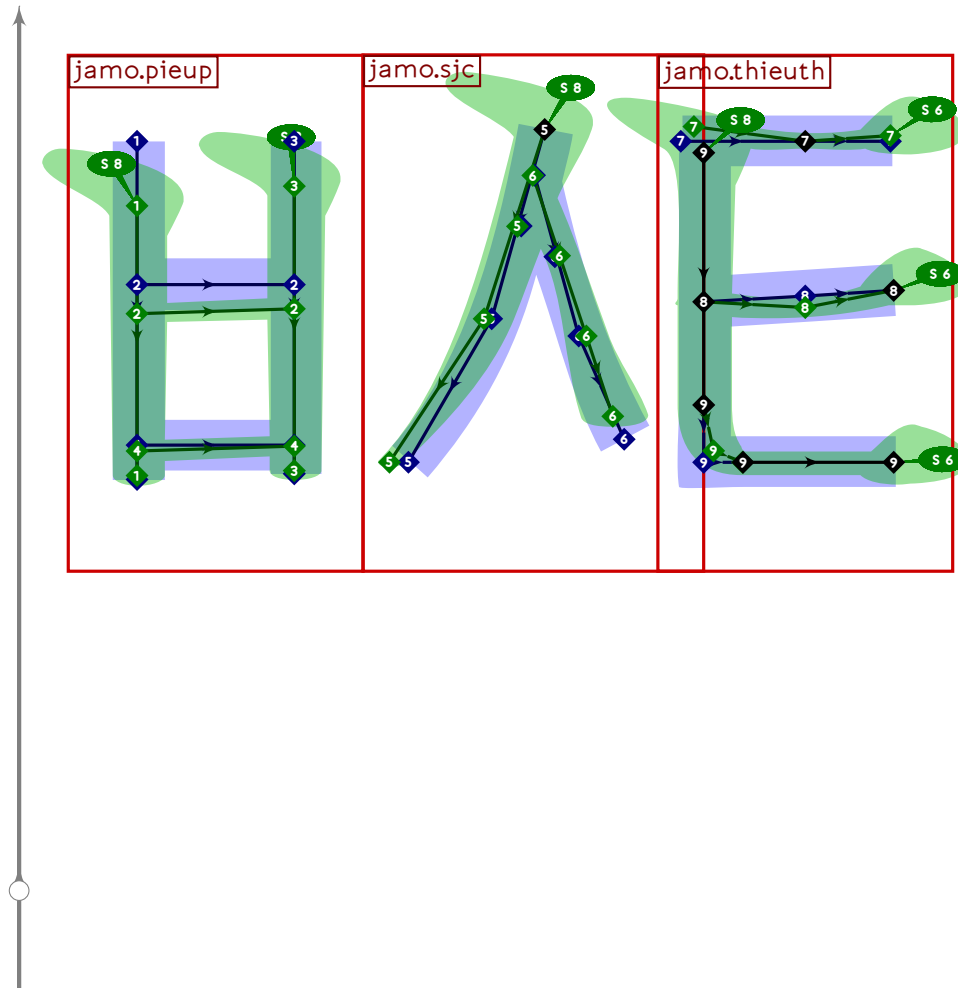
```

U+FF671  
jieub.uniA971.lj5



FF6

```
733 % hangul lead mieum-sios
734 begintsuglyph("uniA971.lj5",113);
735   hangul.combine.lr(106,109)(whatever,lixf,loxf);
736   tsu_render;
737 endsuglyph;
738
```

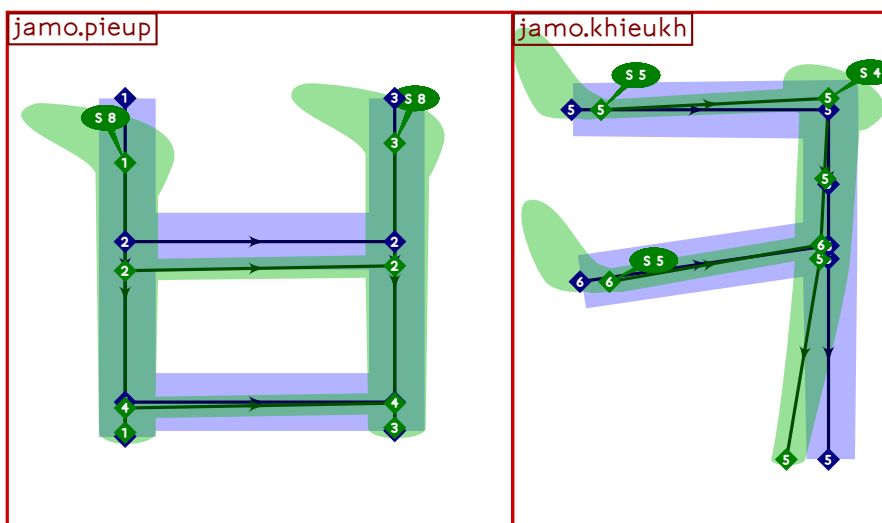


```

739 % hangul lead pieup-sios-thieuth
740 begintsuglyph("uniA972.lj5";114);
741 hangul.combine.lcr(207,209,116)(whatever,lixf,loxf);
742 tsu_render;
743 endsuglyph;
744

```

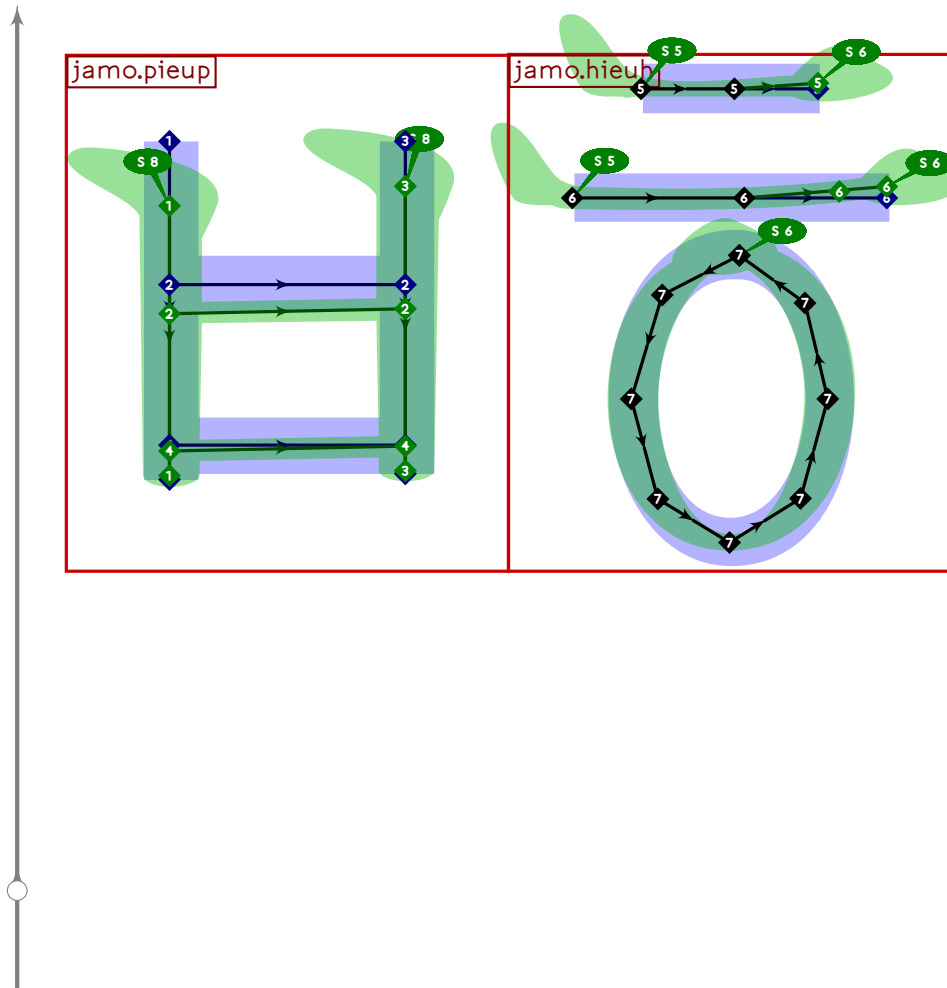
U+FF673  
jieub.uniA973.lj5



FF6

```
745 % hangul lead pieup-khieukh
746 begintsuglyph("uniA973.lj5",115);
747 hangul.combine.lr(207,115)(whatever,lixf,loxf);
748 tsu_render;
749 endtsuglyph;
750
```



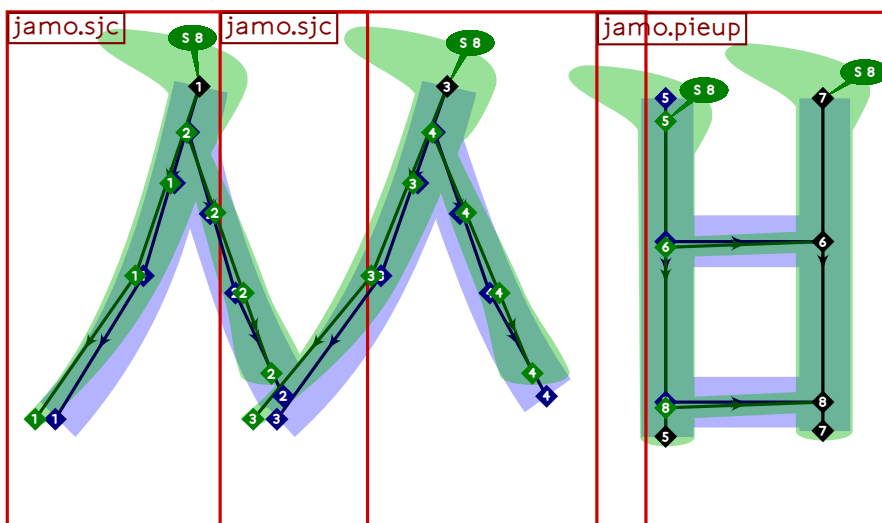


```

751 % hangul lead pieup-hieuh
752 begintsuglyph("uniA974.lj5";116);
753   hangul.combine.lr(207,118)(whatever,lixf,loxf);
754   tsu_render;
755 endtsuglyph;
756

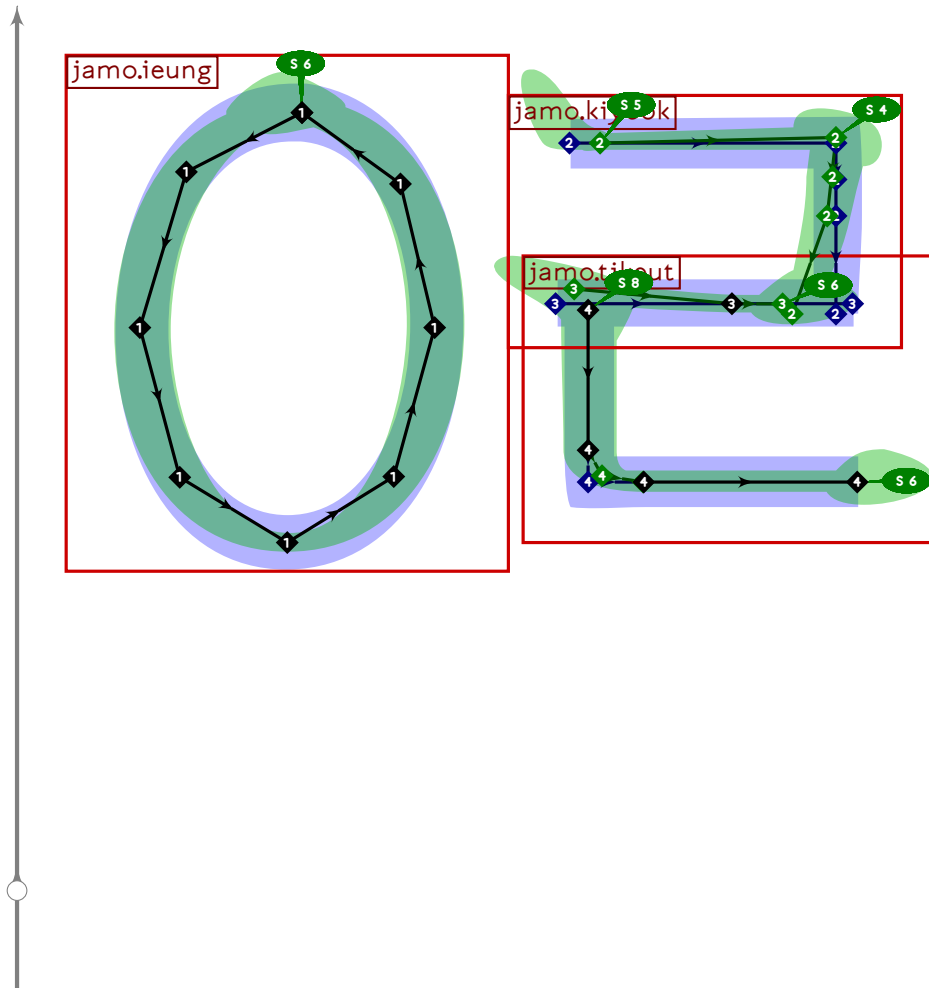
```

U+FF675  
jieub.uniA975.lj5



FF6

```
757 % hangul lead ssangsios-pieup
758 begintsuglyph("uniA975.lj5",117);
759 hangul.combine.lcr(209,209,107)(whatever,lixf,loxf);
760 tsu_render;
761 endtsuglyph;
762
```

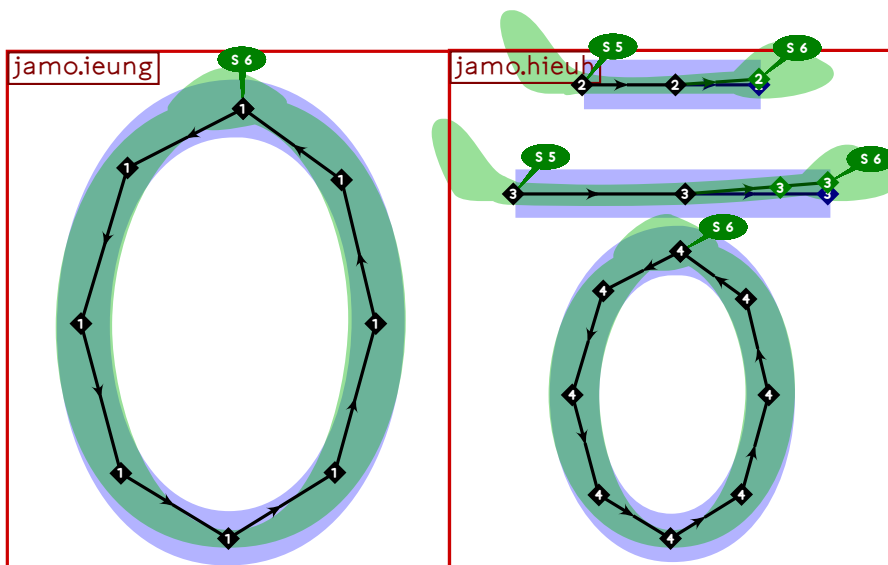


```

763 % hangul lead ieung-rieul
764 beginsuglyph("uniA976.lj5";118);
765   hangul.combine.lr(111,105)(whatever,lxf,loxf);
766   tsu_render;
767 endsuglyph;
768

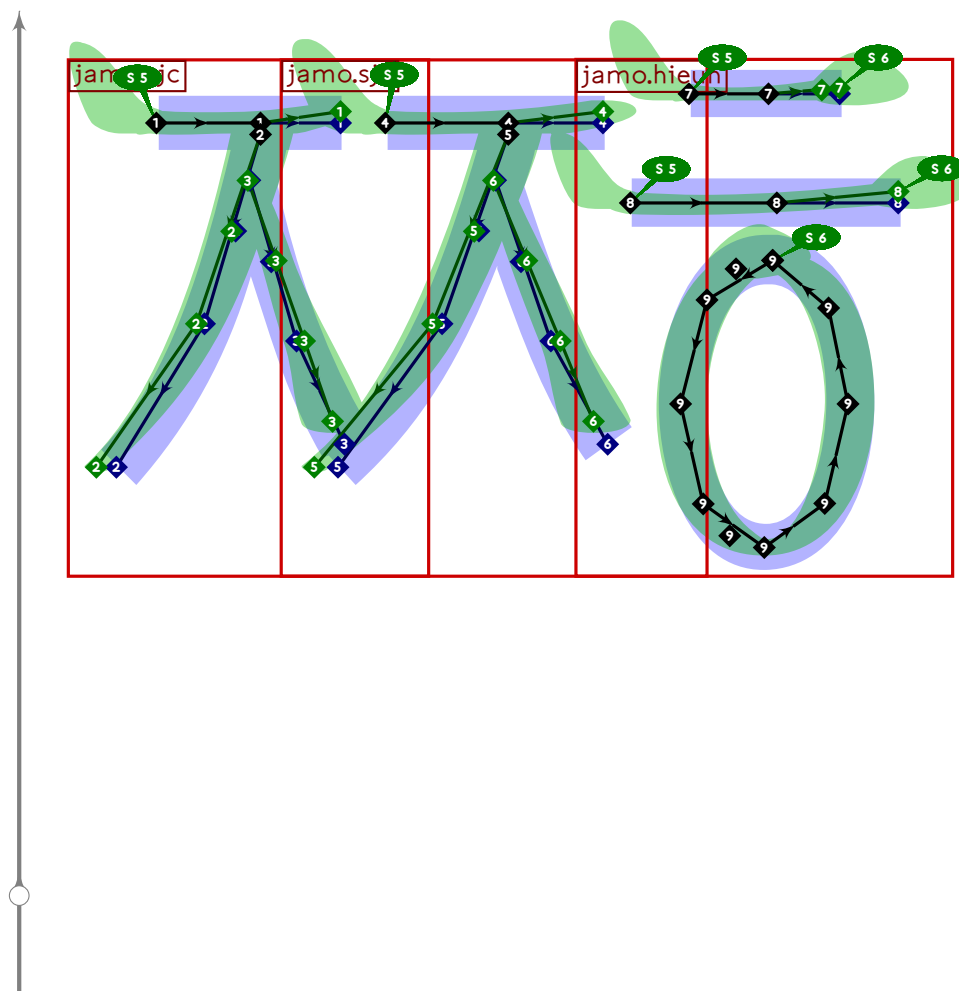
```

U+FF677  
jieub.uniA977.lj5



FF6

```
769 % hangul lead ieung-hieuh
770 begintsuglyph("uniA977.lj5",119);
771 hangul.combine.lr(111,118)(whatever,lixf,loxf);
772 tsu_render;
773 endsuglyph;
774
```



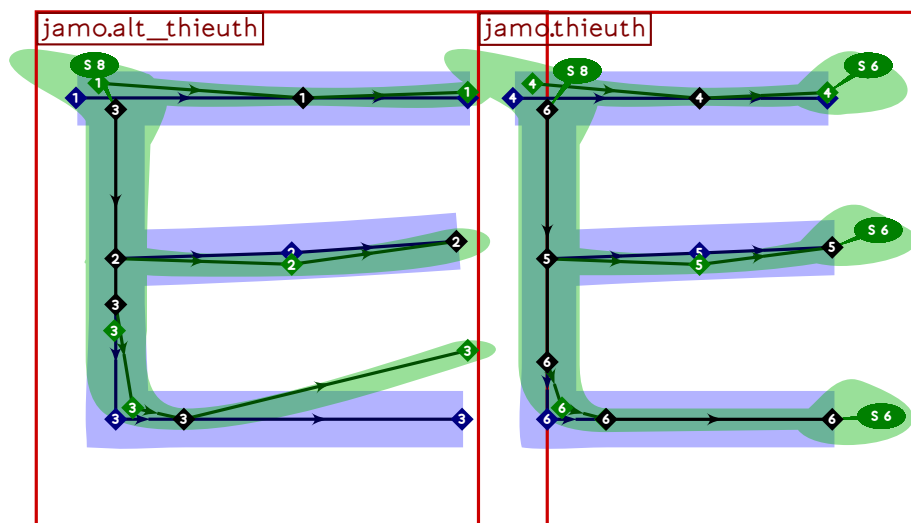
FF6

```

775 % hangul lead ssangcieuc-hieuh
776 begint Suglyph("uniA978.lj5",120);
777 hangul.combine.lcr(212,212,118)(whatever,lixf,loxf);
778 tsu_render;
779 endsuglyph;
780

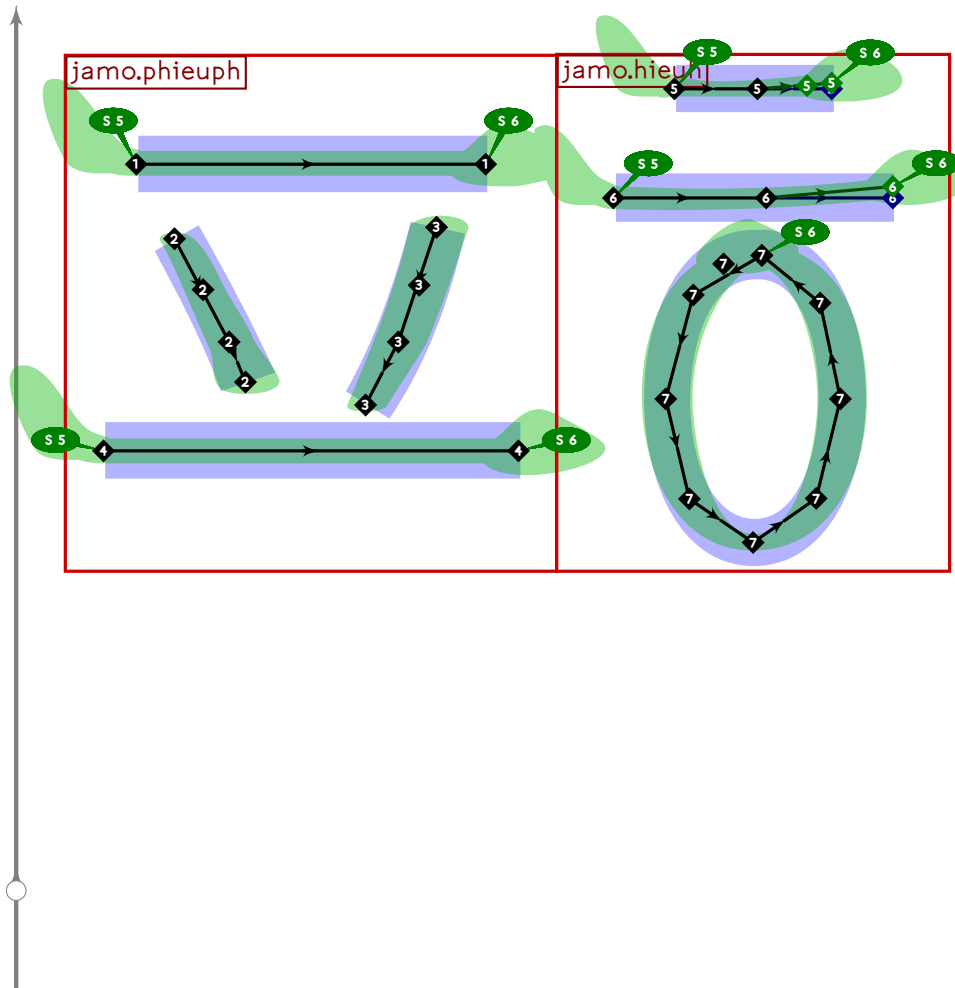
```

U+FF679  
jieub.uniA979.lj5



FF6

```
781 % hangul lead ssangthieuth
782 beginsuglyph("uniA979.lj5",121);
783 hangul.combine.lr(216,116)(whatever,lixf,loxf);
784 tsu_render;
785 endsuglyph;
786
```

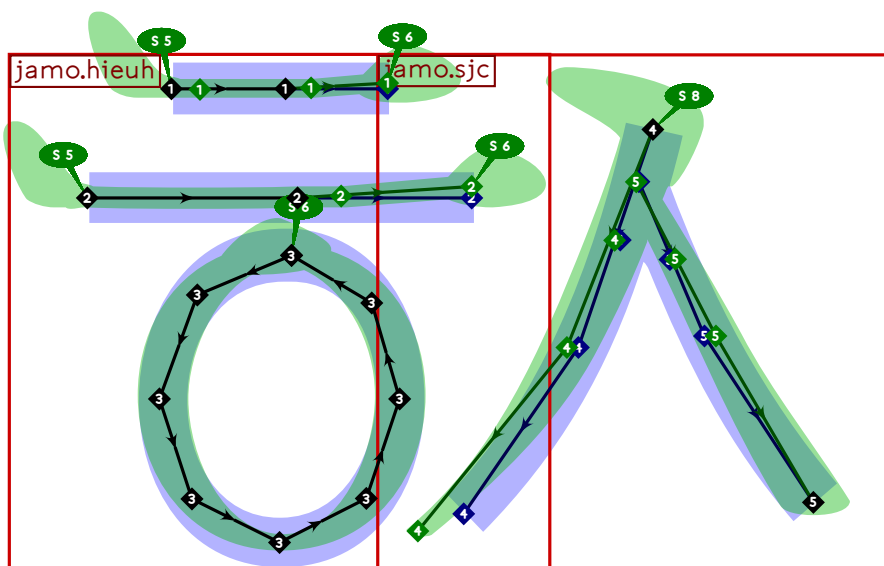


```

787 % hangul lead phieuph-hieuh
788 begintsuglyph("uniA97A.lj5",122);
789   hangul.combine.lcr(117,230,118)(whatever,lixf,loxf);
790   tsu_render;
791 endsuglyph;
792

```

U+FF67B  
jjeub.uniA97B.lj5



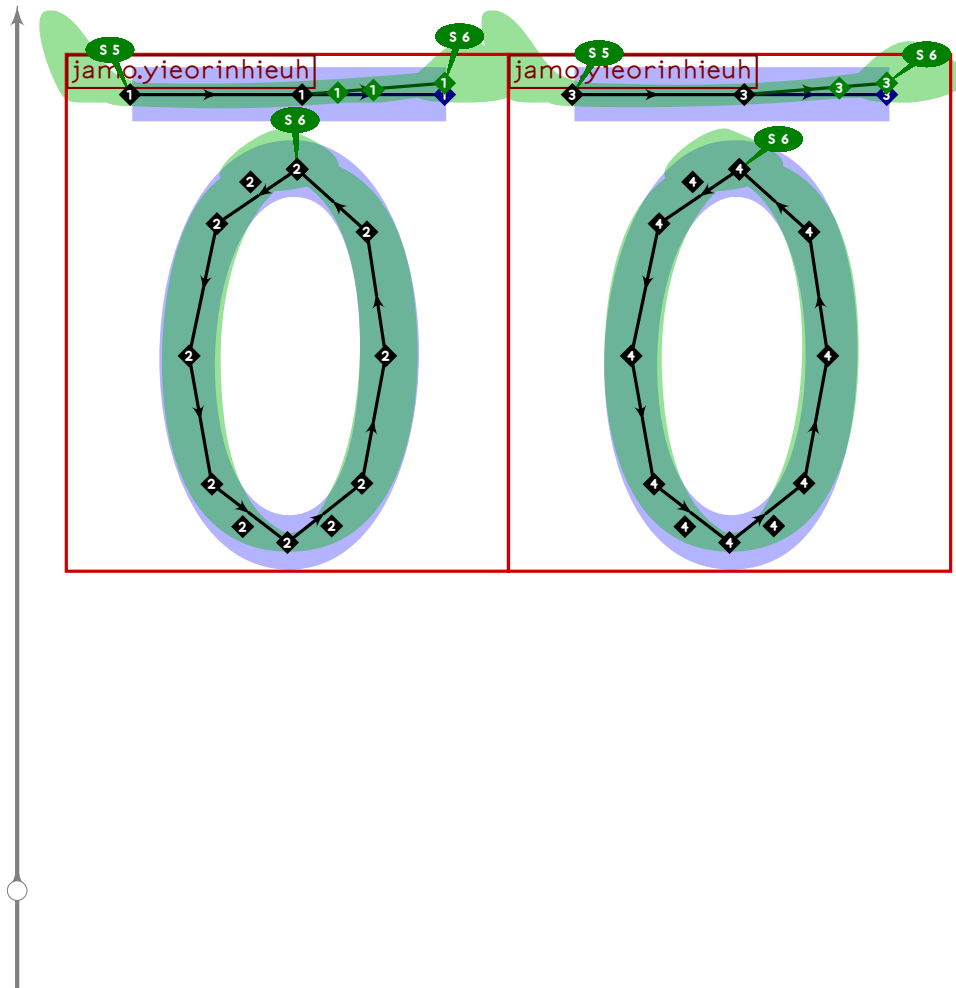
FF6

```

793 % hangul lead hieuh-sios
794 begintsuglyph("uniA97B.lj5",123);
795   hangul.combine.lr(118,109)(whatever,lixf,loxf);
796   tsu_render;
797 endtsuglyph;
798

```





FF6

```

799 % hangul lead ssangyeorinhieuh
800 begintsuglyph("uniA97C.lj5",124);
801   hangul.combine.lcr(221,230,221)(whatever,lixf,loxf);
802   tsu_render;
803 endtsuglyph;
804
805 _____
806
807 endfont;
808
809 _____

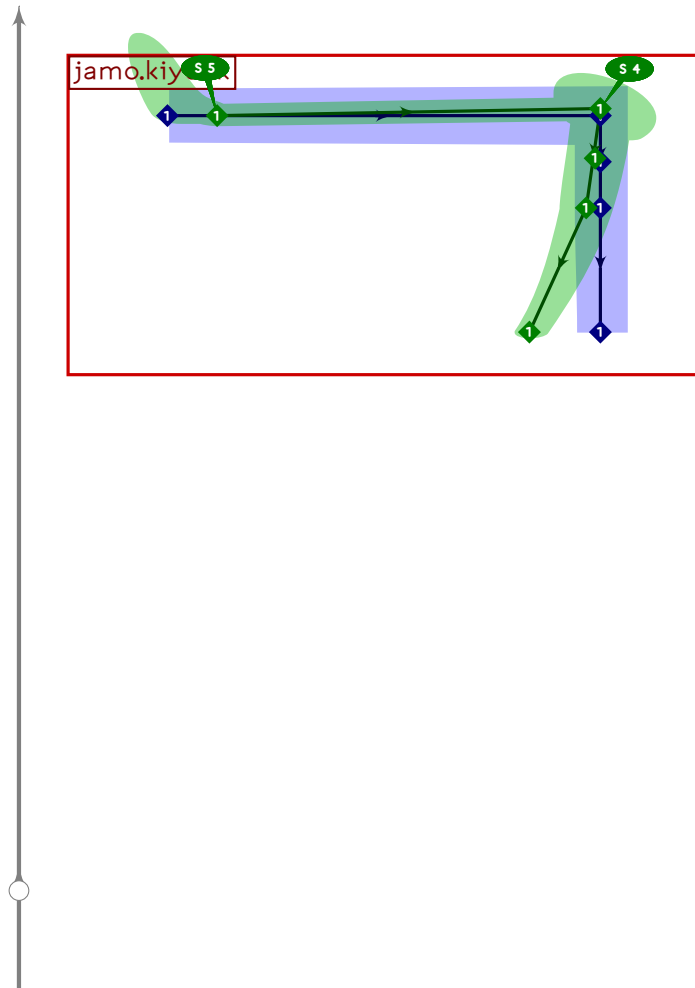
```

# jieub-ff7.mp

```
1 %
2 % Unicode page FF7 ("bug letters" for consonant jamo) for Jieubsida
3 % Copyright (C) 2012 Matthew Skala
4 %
5-29 [Standard copyright notice]
30
31 _____
32
33 beginfont
34
35 % AUTODEPS
36 input hangul.mp;
37 input jamo-basic.mp;
38 input jamo-extra.mp;
39
40 do_late_includes;
41
42 _____
43
44 % This is a set of "bug letters": lead jamo for layout 0, duplicating the
45 % ones in U+11xx, U+A9xx, and U+D7xx, in order to work around XeTeX's
46 % apparent inability to process "ignore sub" feature rules. The idea is
47 % that instead of using an "ignore sub" rule, we will substitute an
48 % identical-looking glyph that doesn't trigger later rules.
49
50 transform lixf,loxf,vixf,tvixf,voxf;
51
52 lixf=loxf=hxf((50,850),(700,525));
53 vixf=hxf((700,275),(950,-50));
54 tvixf=hxf((700,335),(950,-50));
55 voxf=identity;
56
57 _____
58
```

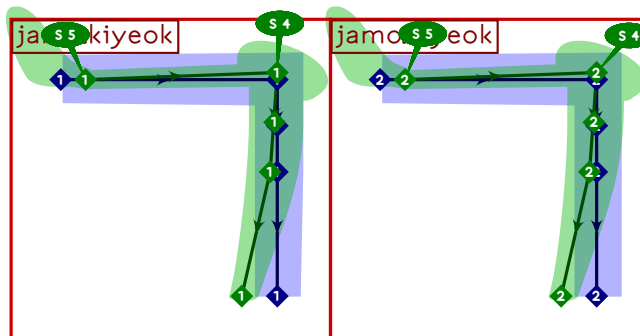
## Hangul Choseong (Lead) Jamo

```
59 % HANGUL CHOSEONG (LEAD) JAMO
60
61 tsu_rescale_native_zero;
62
```



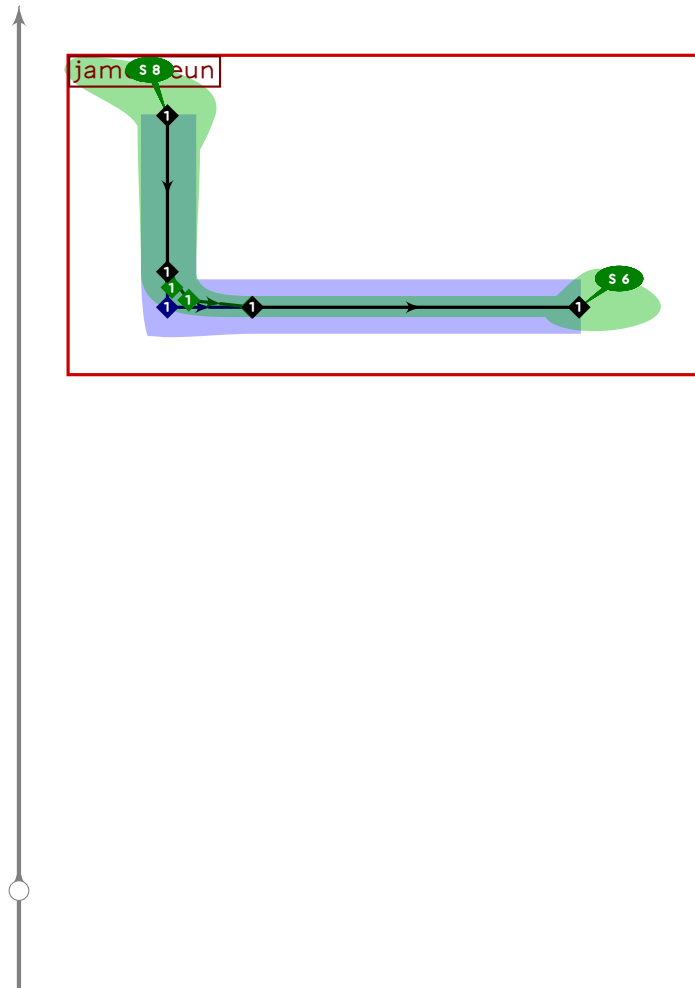
```
63 % hangul lead kiyeok
64 beginsuglyph("uni1100.bug",0);
65   hangul.jamo.kiyeok(whatever,lixf,loxf);
66   tsu_render;
67 endsuglyph;
68
```

U+FF701  
jieub.uni1101.bug



FF7

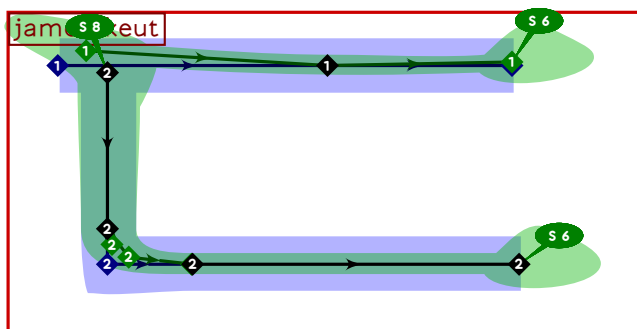
```
69 % hangul lead ssangkiyeok
70 begintsuglyph("uni1101.bug",l);
71   hangul.combine.lr(100,100)(whatever,lxf,loxf);
72   tsu_render;
73 endsuglyph;
74
```



```
75 % hangul lead nieun
76 beginsuglyph("uni1102.bug",2);
77 hangul.jamo.nieun(whatever,lixf,loxf);
78 tsu_render;
79 endsuglyph;
80
```

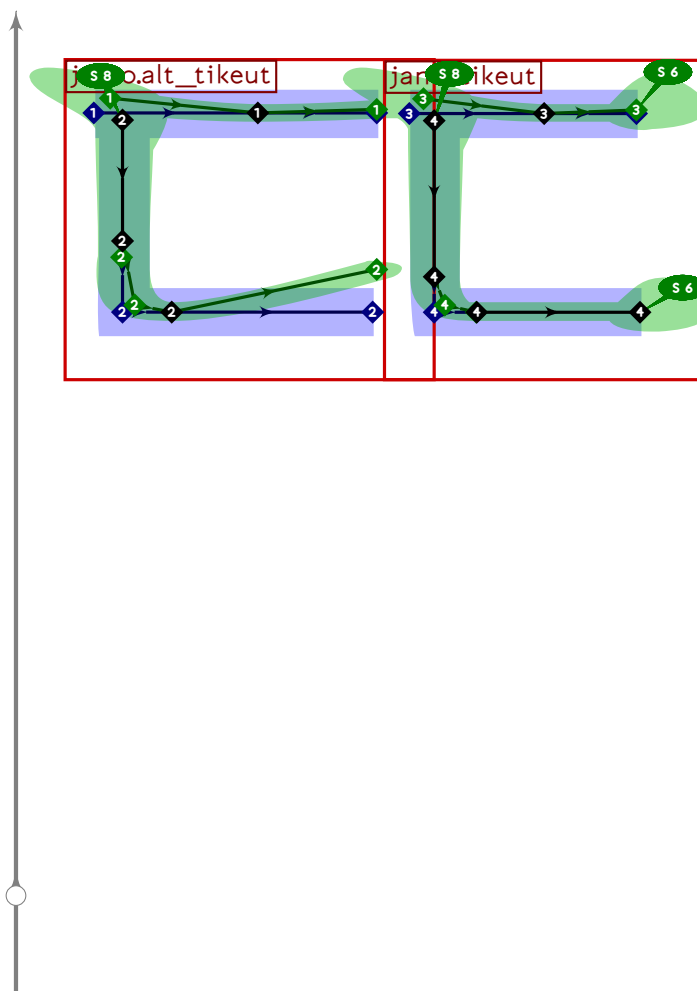
FF7

U+FF703  
jjeub.uni1103.bug



FF7

```
81 % hangul lead tikeut
82 begintsuglyph("uni1103.bug";3);
83   hangul.jamo.tikeut(whatever,lixf,loxf);
84   tsu_render;
85 endtsuglyph;
86
```

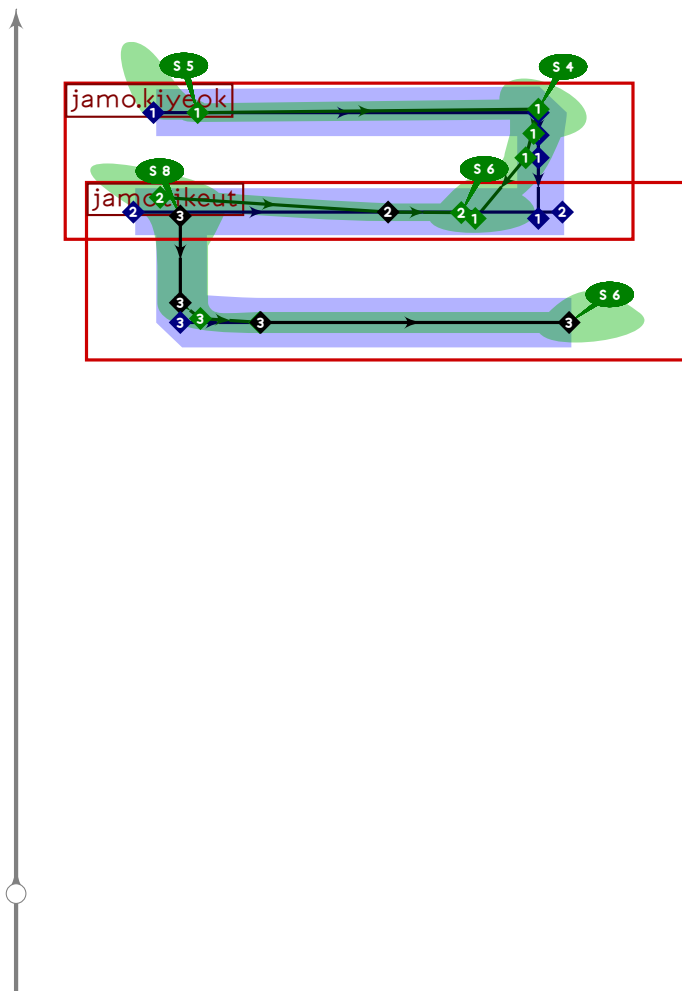


```

87 % hangul lead ssangtikeut
88 begintsuglyph("uni1104.bug",4);
89 hangul.combine.lr(203,103)(whatever,lixf,loxf);
90 tsu_render;
91 endtsuglyph;
92

```

U+FF705  
jieub.uni1105.bug



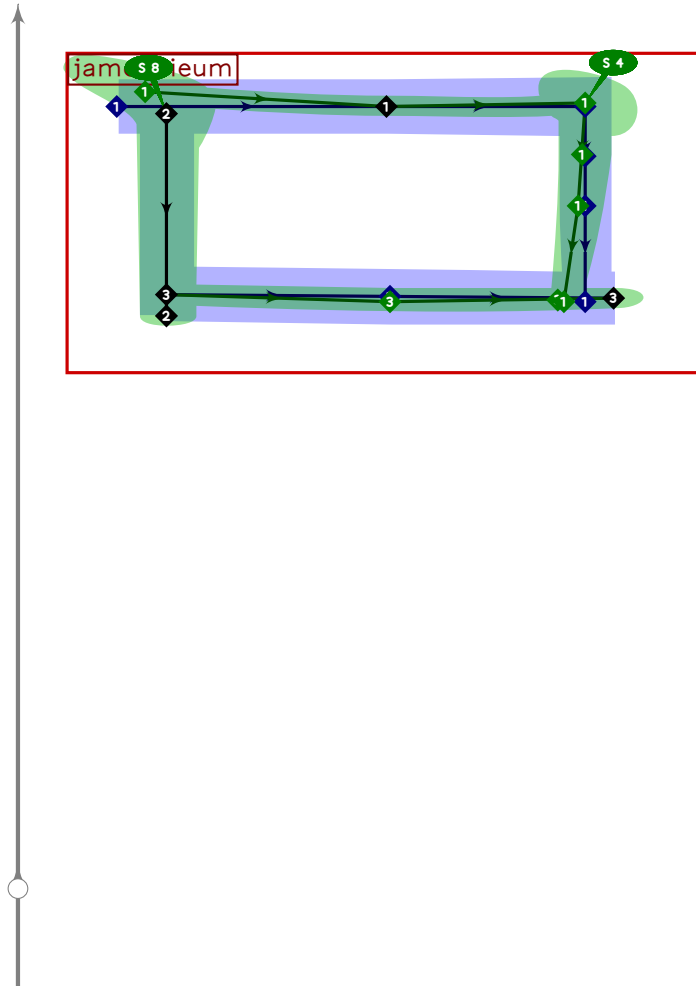
FF7

```

93 % hangul lead rieur
94 begint Suglyph("uni1105.bug",5);
95   hangul.jamo.rieul(whatever,lixf,loxf);
96   tsu__render;
97 endts Suglyph;
98

```



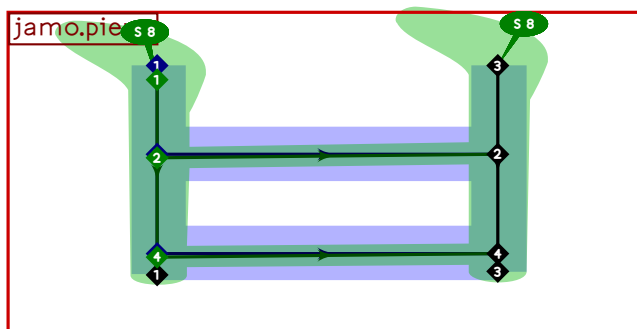


```

99 % hangul lead mieum
100 beginsuglyph("uni1106.bug",6);
101   hangul.jamo.mieum(whatever,lixf,loxf);
102   tsu_render;
103 endsuglyph;
104

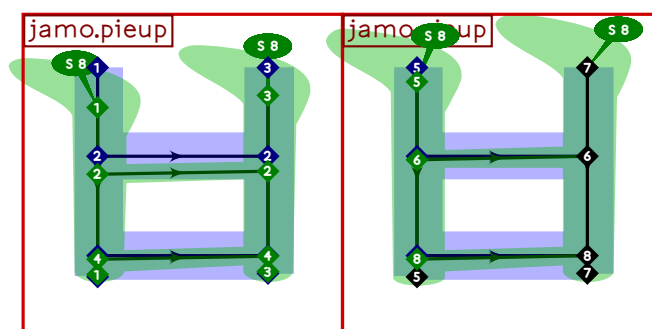
```

U+FF707  
jieub.uni1107.bug



FF7

```
105 % hangul lead pieup
106 beginsuglyph("uni1107.bug";7);
107   hangul.jamo.pieup(whatever,lixf,loxf);
108   tsu_render;
109 endsuglyph;
110
```

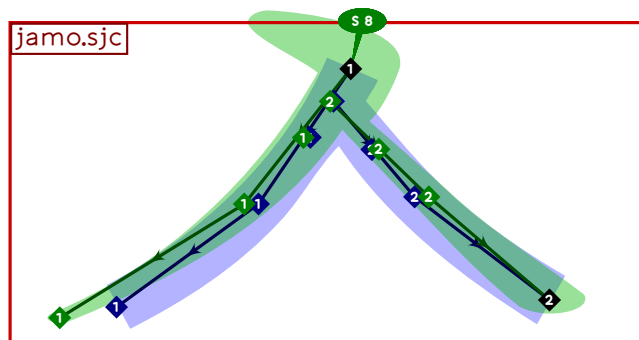


```

111 % hangul lead ssangpieup
112 begintsuglyph("uni1108.bug",8);
113   hangul.combine.lr(207,107)(whatever,lixf,loxf);
114   tsu_render;
115 endsuglyph;
116

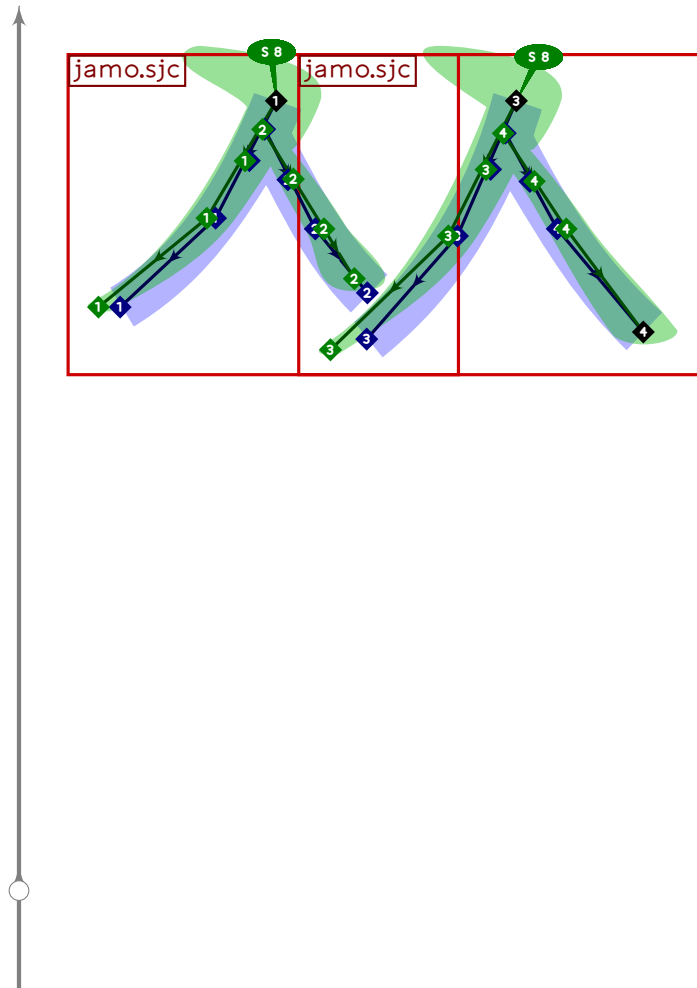
```

U+FF709  
jieub.uni1109.bug



FF7

```
117 % hangul lead sios
118 begintsuglyph("uni1109.bug",9);
119 hangul.jamo.sjc(0,0,false)(whatever,lixf,loxf);
120 tsu_render;
121 endtsuglyph;
122
```

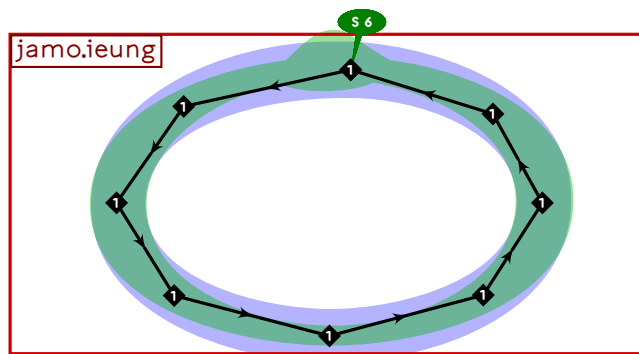


```

123 % hangul lead ssangsios
124 begintsuglyph("uni110A.bug",10);
125   hangul.combine.lr(209,109)(whatever,lixf,loxf);
126   tsu_render;
127 endsuglyph;
128

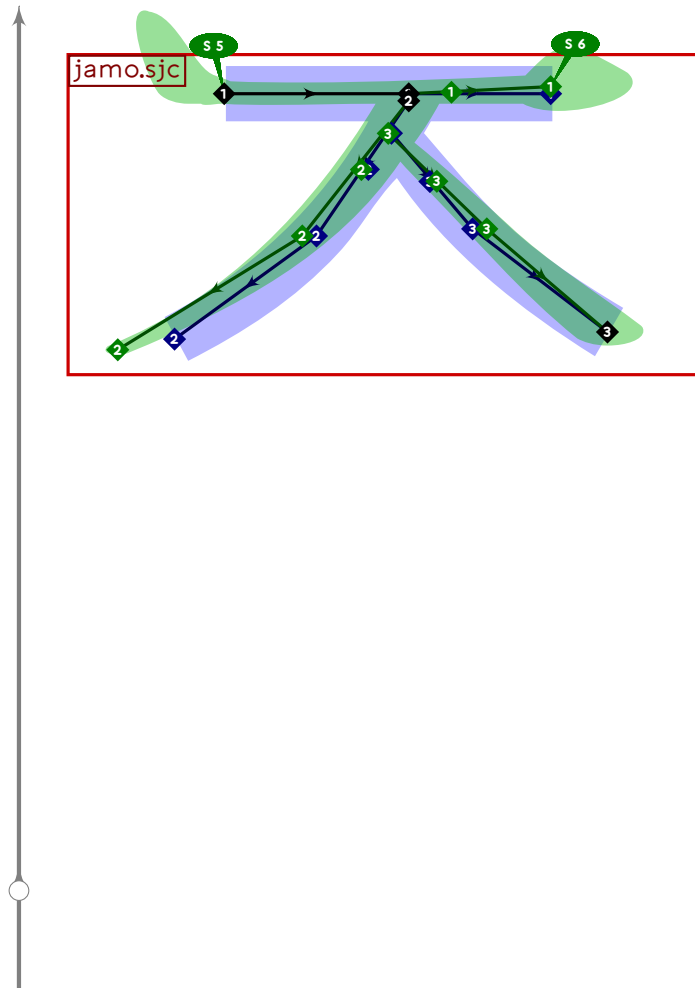
```

U+FF70B  
jieub.uni110B.bug



FF7

```
129 % hangul lead ieung
130 beginsuglyph("uni110B.bug",11);
131   hangul.jamo.ieung(whatever,lixf,loxf);
132   tsu_render;
133 endsuglyph;
134
```

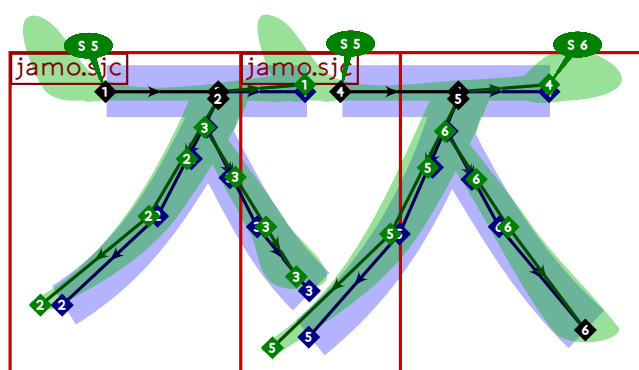


```

135 % hangul lead cieuc
136 begintsuglyph("uni110C.bug",12);
137   hangul.jamo.sjc(1,0,false)(whatever,lixf,loxf);
138   tsu_render;
139 endsuglyph;
140

```

U+FF70D  
jieub.uni110D.bug



FF7

```
141 % hangul lead ssangcieuc
142 begintsuglyph("uni110D.bug",13);
143   hangul.combine.lr(212,112)(whatever,lixf,loxf);
144   tsu_render;
145 endtsuglyph;
146
```





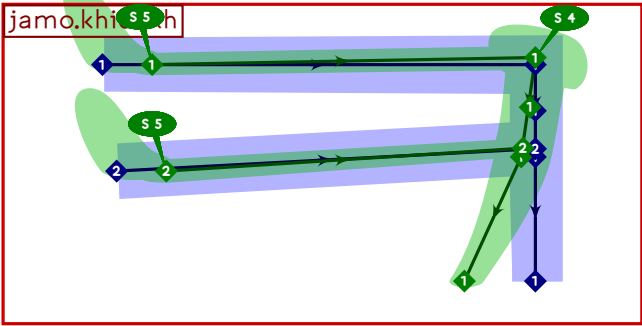
```

147 % hangul lead chieuch
148 begintsuglyph("uni110E.bug",14);
149   hangul.jamo.sjc(2,0,false)(whatever,lixf,loxf);
150   tsu_render;
151 endtsuglyph;
152

```

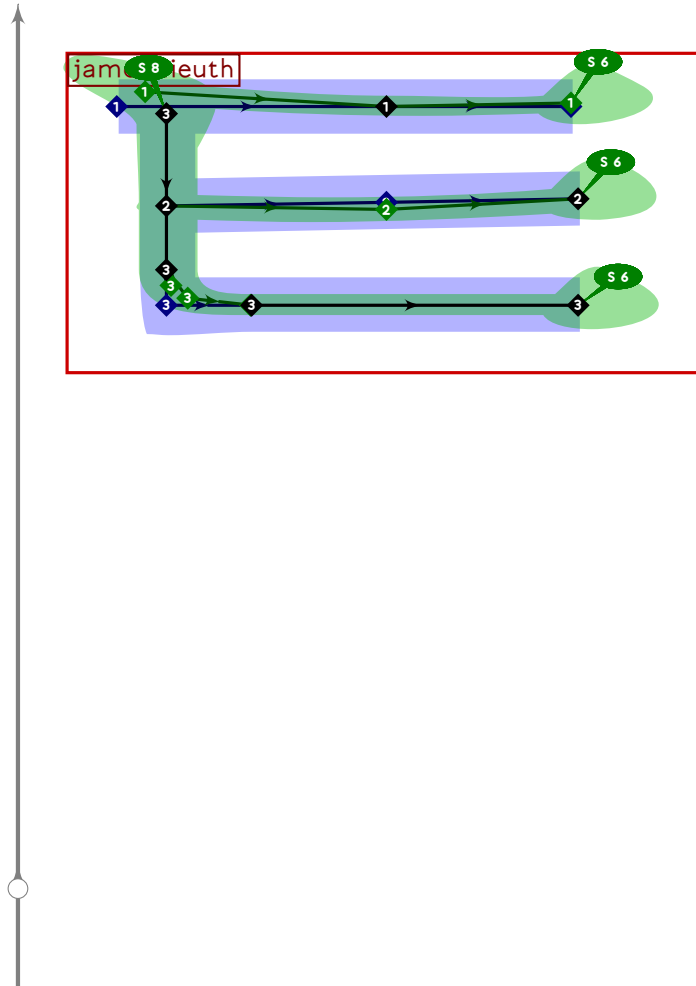
FF7

U+FF70F  
jieub.uni110F.bug



FF7

```
153 % hangul lead khieukh
154 begintsuglyph("uni110F.bug",15);
155   hangul.jamo.khieukh(whatever,lixf,loxf);
156   tsu_render;
157 endtsuglyph;
158
```

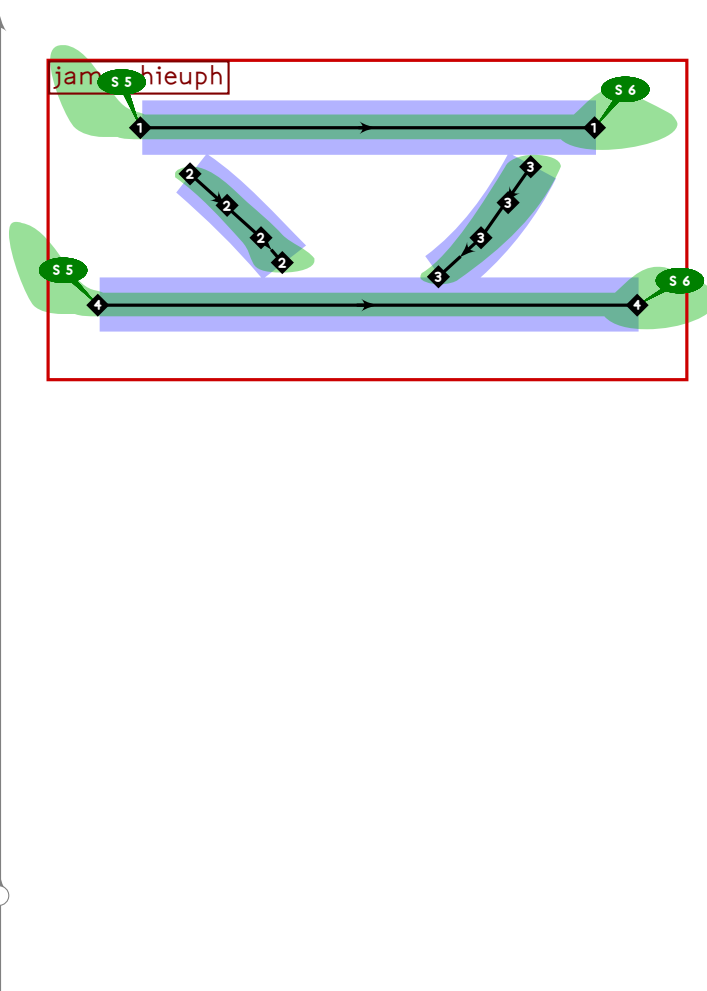


```

159 % hangul lead thieuth
160 begintsuglyph("uni1110.bug",16);
161   hangul.jamo.thieuth(whatever,lixf,loxf);
162   tsu_render;
163 endsuglyph;
164

```

U+FF711  
jjeub.uni1111.bug

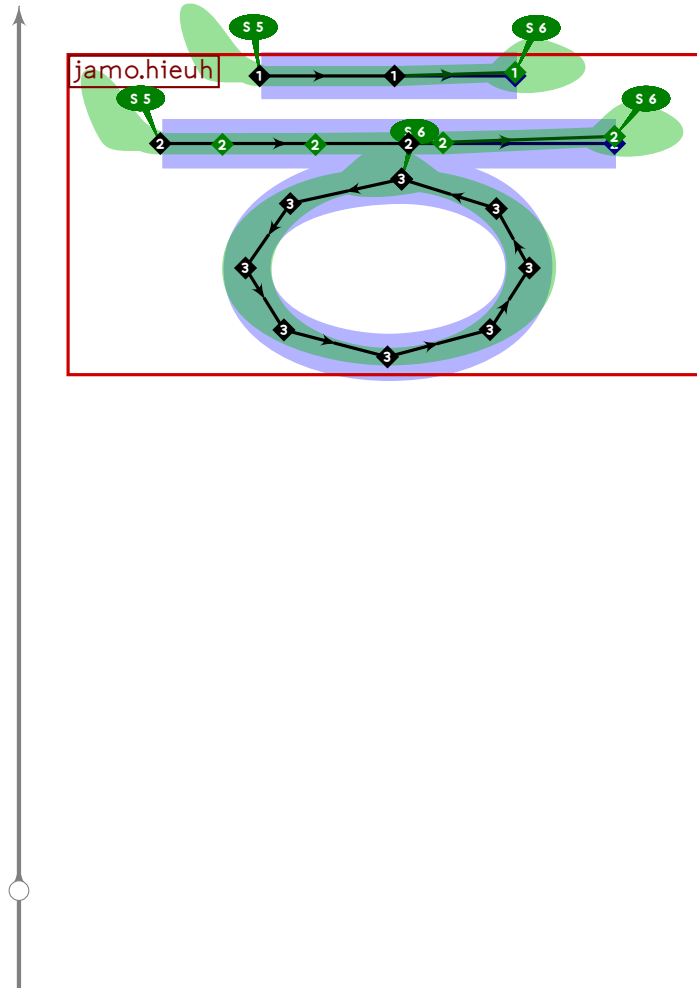


FF7

```

165 % hangul lead phieuph
166 begintsuglyph("uni1111.bug",17);
167   hangul.jamo.phieuph(whatever,lixf,loxf);
168   tsu_render;
169 endsuglyph;
170

```

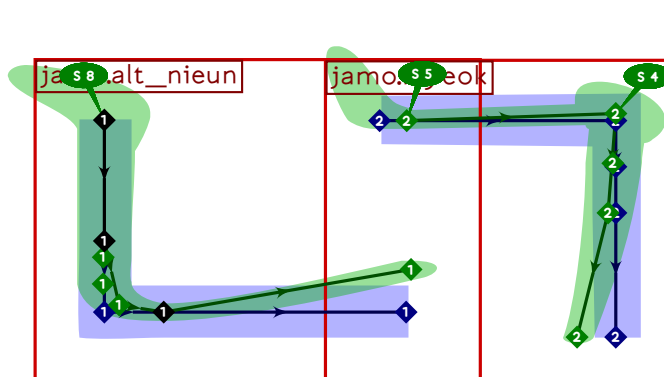


```

171 % hangul lead hieuh
172 begintsuglyph("uni1112.bug",18);
173   hangul.jamo.hieuh(whatever,lixf,loxf);
174   tsu_render;
175 endtsuglyph;
176

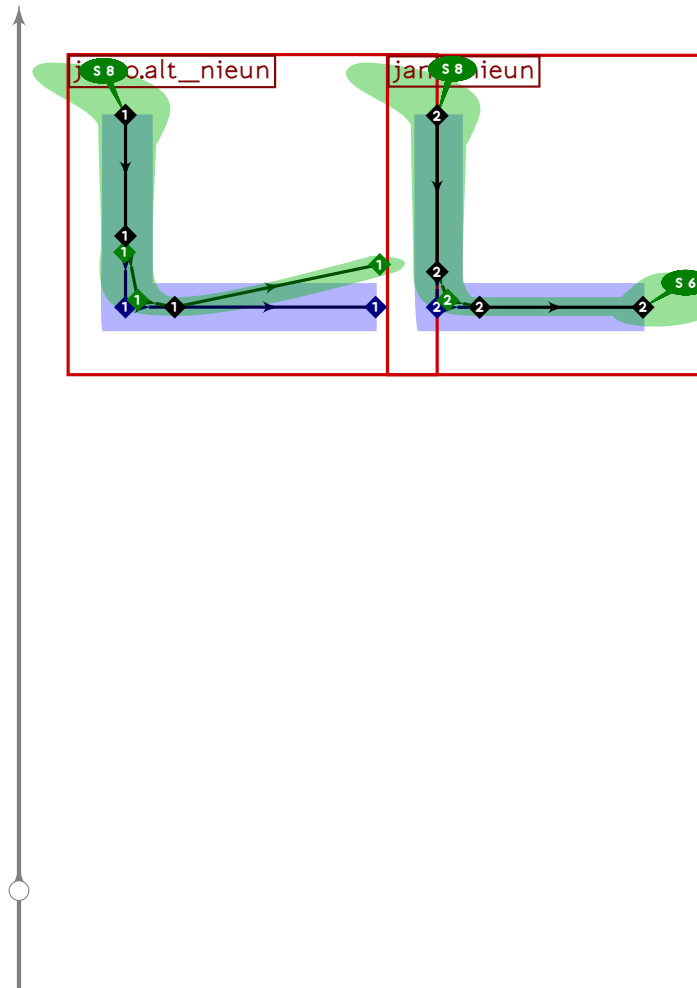
```

U+FF713  
jieub.uni1113.bug



FF7

```
177 % hangul lead nieun-kiyeok
178 begintsuglyph("uni1113.bug";19);
179   hangul.combine.lr(202,100)(whatever,lixf,loxf);
180   tsu_render;
181 endtsuglyph;
182
```

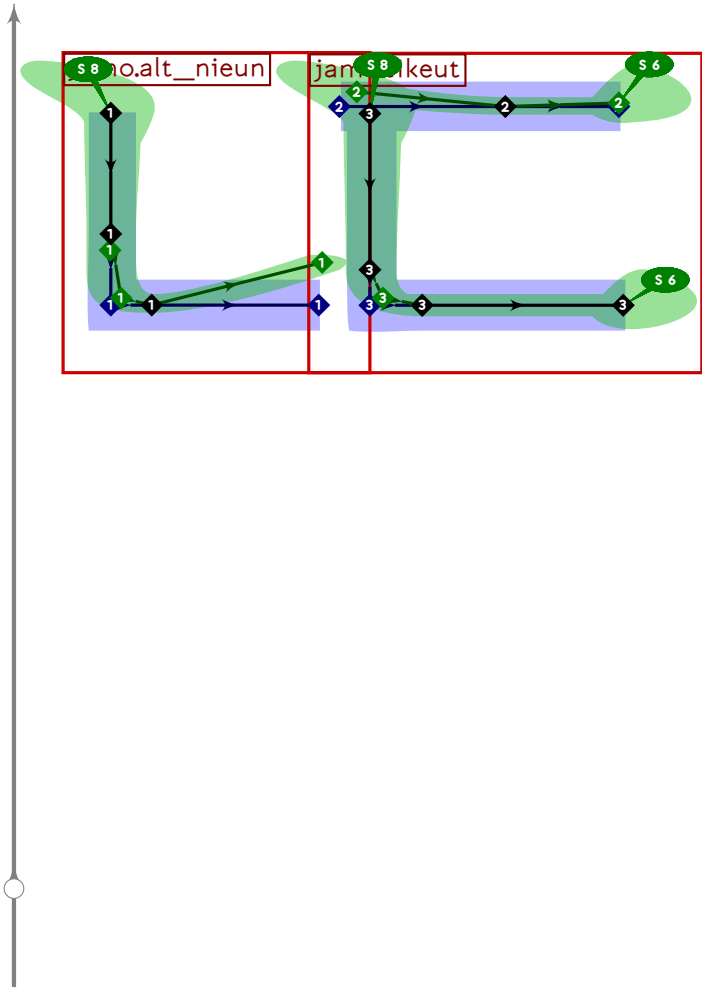


```

183 % hangul lead ssangnieun
184 begintsuglyph("uni1114.bug";20);
185   hangul.combine.lr(202,102)(whatever,lixf,loxf);
186   tsu_render;
187 endsuglyph;
188

```

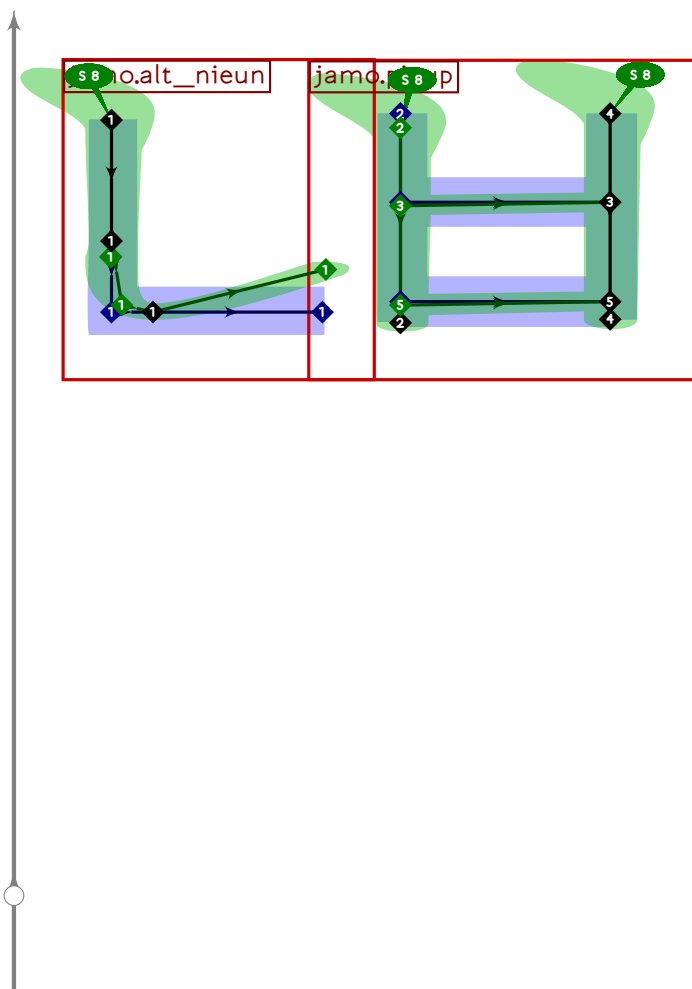
U+FF715  
jieub.uni1115.bug



FF7

```
189 % hangul lead nieun-tikeut
190 beginsuglyph("uni1115.bug";21);
191   hangul.combine.lr(202,103)(whatever,lxf,lxf);
192   tsu_render;
193 endsuglyph;
194
```



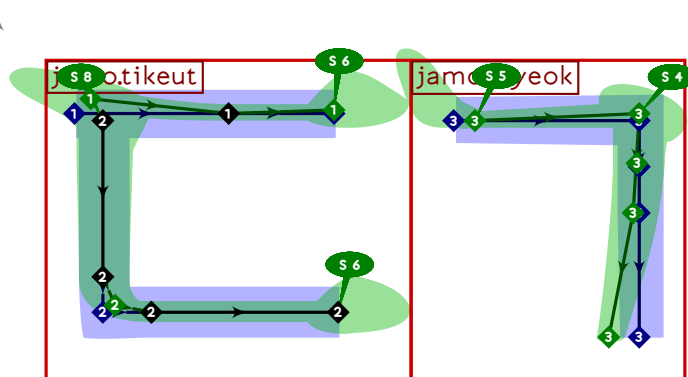


```

195 % hangul lead nieun-pieup
196 begintsuglyph("uni1116.bug";22);
197   hangul.combine.lr(202,107)(whatever,lixf,loxf);
198   tsu_render;
199 endtsuglyph;
200

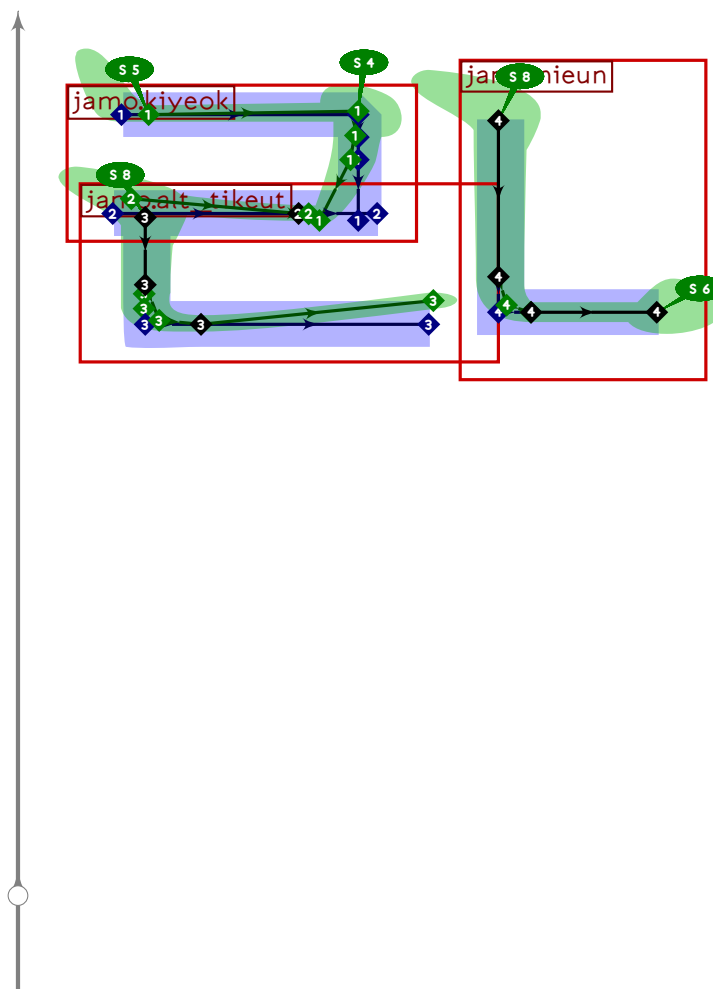
```

U+FF717  
jieub.uni1117.bug



FF7

```
201 % hangul lead tikeut-kiyeok
202 beginsuglyph("uni1117.bug",23);
203   hangul.combine.lr(103,100)(whatever,lixf,loxf);
204   tsu_render;
205 endsuglyph;
206
```

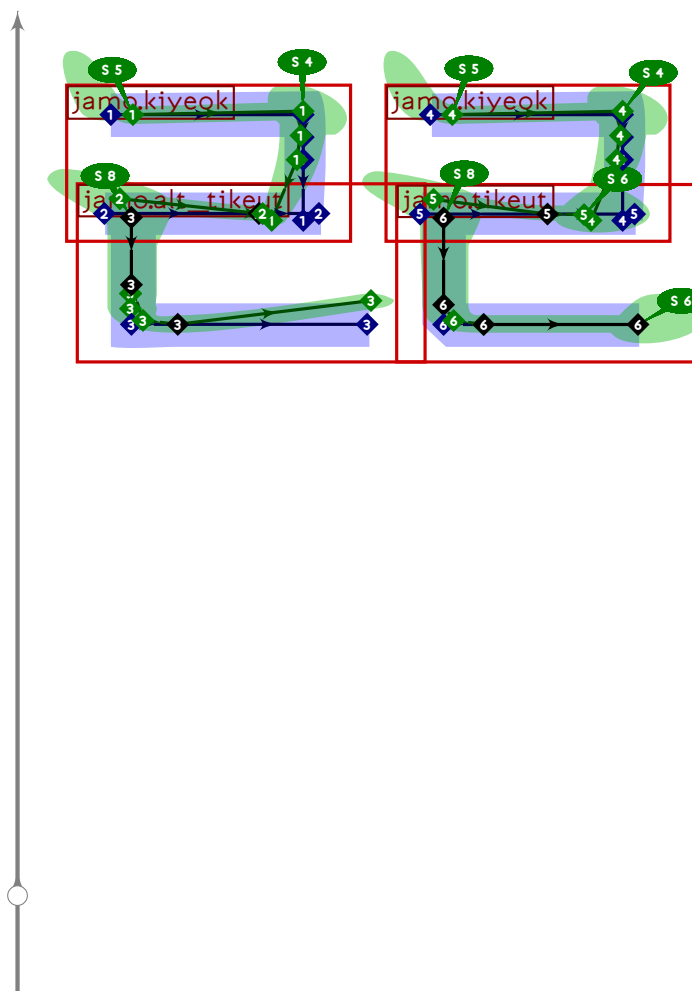


```

207 % hangul lead rieul-nieun
208 begintsuglyph("uni1118.bug";24);
209 hangul.combine.lr(205,102)(whatever,lixf,loxf);
210 tsu_render;
211 endsuglyph;
212

```

U+FF719  
jieub.uni1119.bug

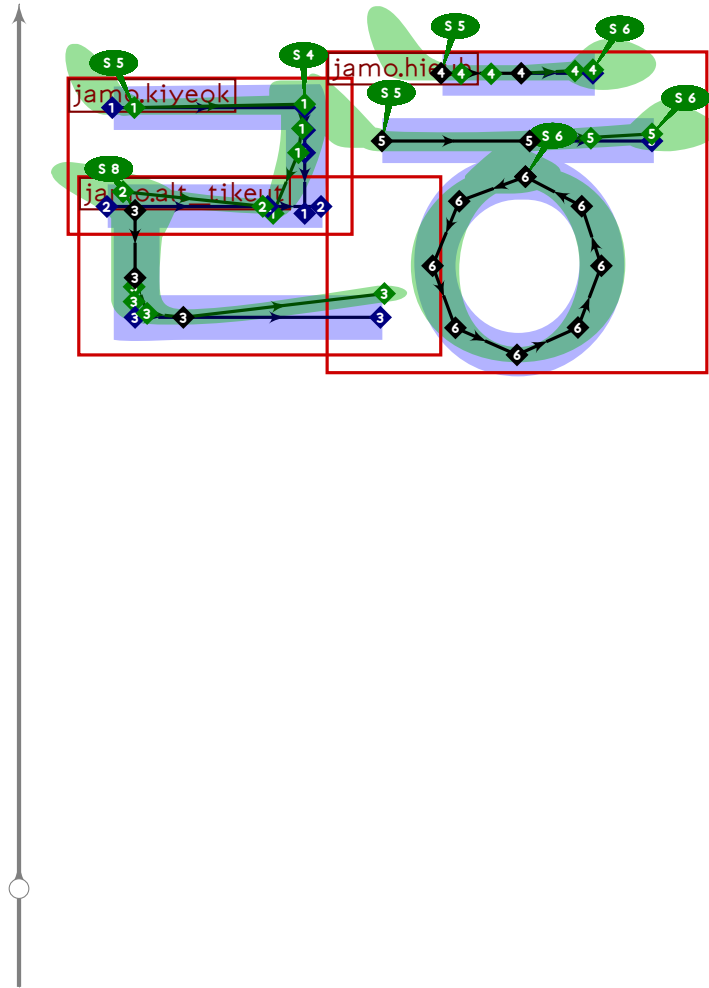


FF7

```

213 % hangul lead ssangrieul
214 begintsuglyph("uni1119.bug",25);
215   hangul.combine.lr(205,105)(whatever,lxf,loxf);
216   tsu_render;
217 endsuglyph;
218

```

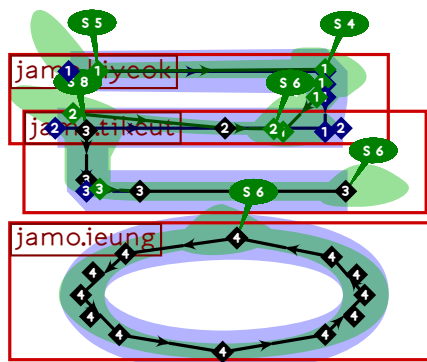


```

219 % hangul lead rieul-hieuh
220 begintsuglyph("uni111A.bug";26);
221   hangul.combine.lr(205,118)(whatever,lixf,loxf);
222   tsu_render;
223 endtsuglyph;
224

```

U+FF71B  
jieub.uni111B.bug

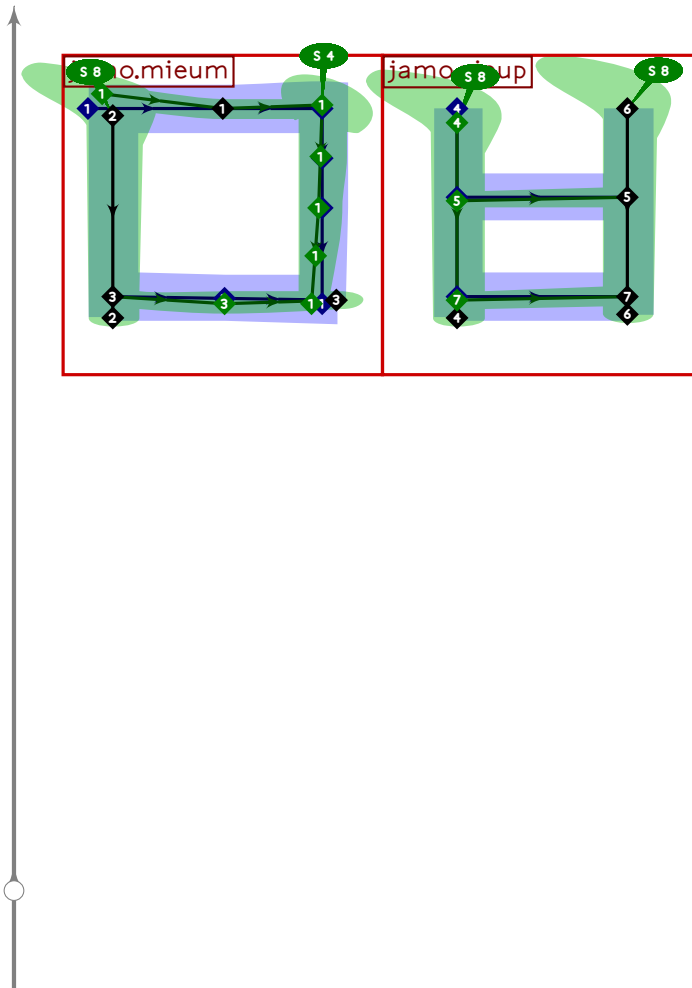


FF7

```

225 % hangul lead kapyeounrieul
226 begintsuglyph("uni111B.bug";27);
227   hangul.combine.tb(105,521)(whatever,
228     hxf((200,850),(800,-50)) transformed lixf,loxf);
229   tsu_render;
230 endtsuglyph;
231

```

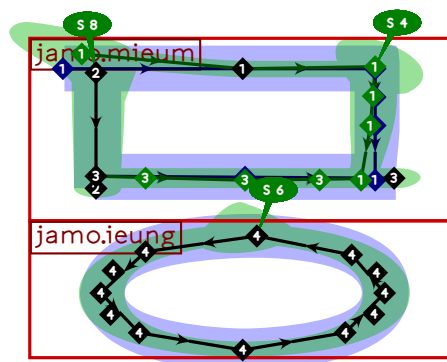


```

232 % hangul lead mieum-pieup
233 begintsuglyph("uni111C.bug";28);
234 hangul.combine.lr(106,107)(whatever,lixf,loxf);
235 tsu_render;
236 endtsuglyph;
237

```

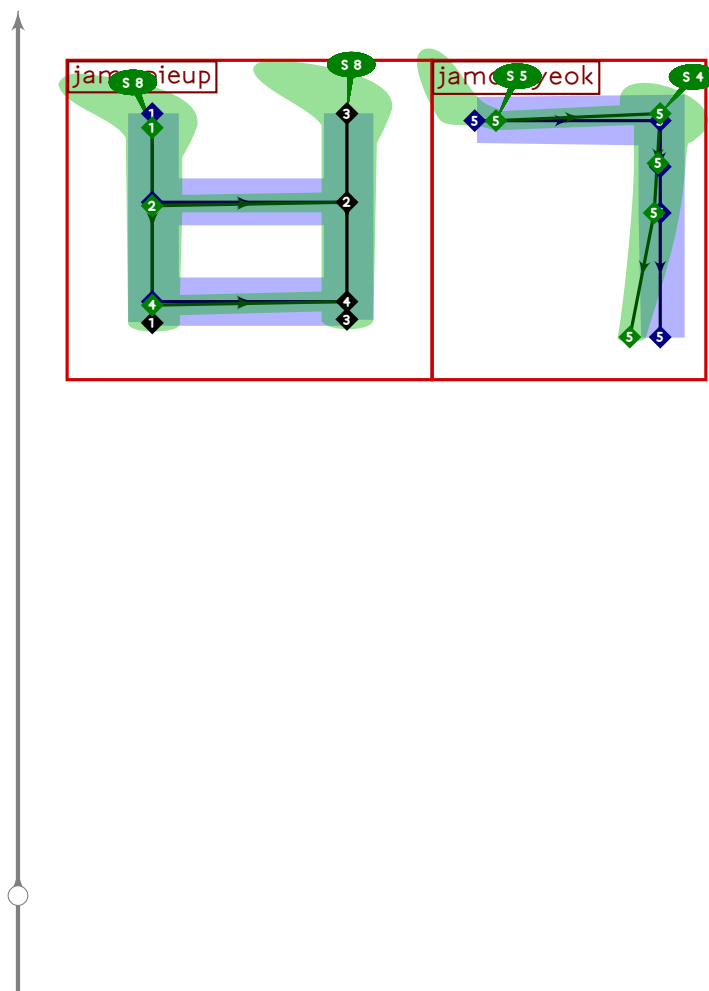
U+FF71D  
j1eub.uni111D.bug



FF7

```
238 % hangul lead kapyeounmieum
239 begintsuglyph("uni111D.bug",29);
240 hangul.combine.tb(106,521)(whatever,
241     hxf((200,850),(800,-50)) transformed lixf,loxf);
242 tsu__render;
243 endtsuglyph;
244
```



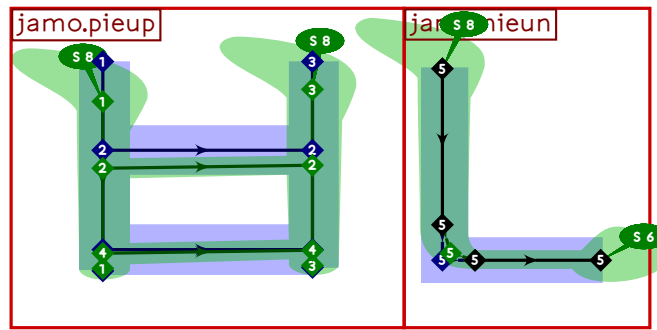


```

245 % hangul lead pieup-kiyeok
246 begintsuglyph("uni111E.bug";30);
247 hangul.combine.lr(107,100)(whatever,lixf,loxf);
248 tsu_render;
249 endsuglyph;
250

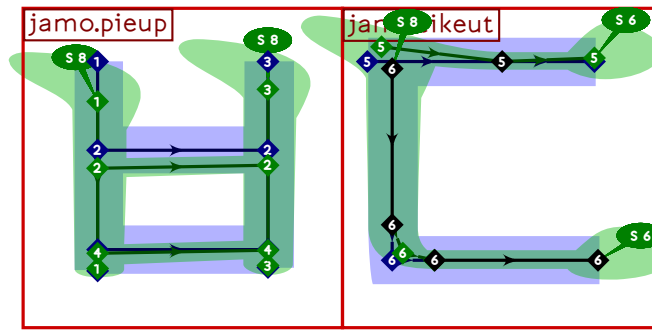
```

U+FF71F  
jieub.uni111F.bug



FF7

```
251 % hangul lead pieup-nieun
252 begintsuglyph("uni111F.bug",31);
253   hangul.combine.lr(207,102)(whatever,lixf,loxf);
254   tsu_render;
255 endsuglyph;
256
```

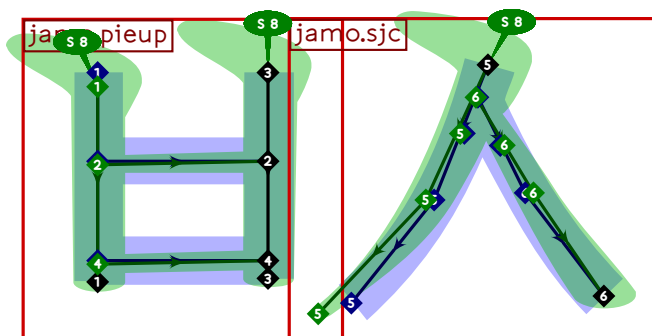


```

257 % hangul lead pieup-tikeut
258 begintsuglyph("uni1120.bug",32);
259   hangul.combine.lr(207,103)(whatever,lixf,loxf);
260   tsu_render;
261 endsuglyph;
262

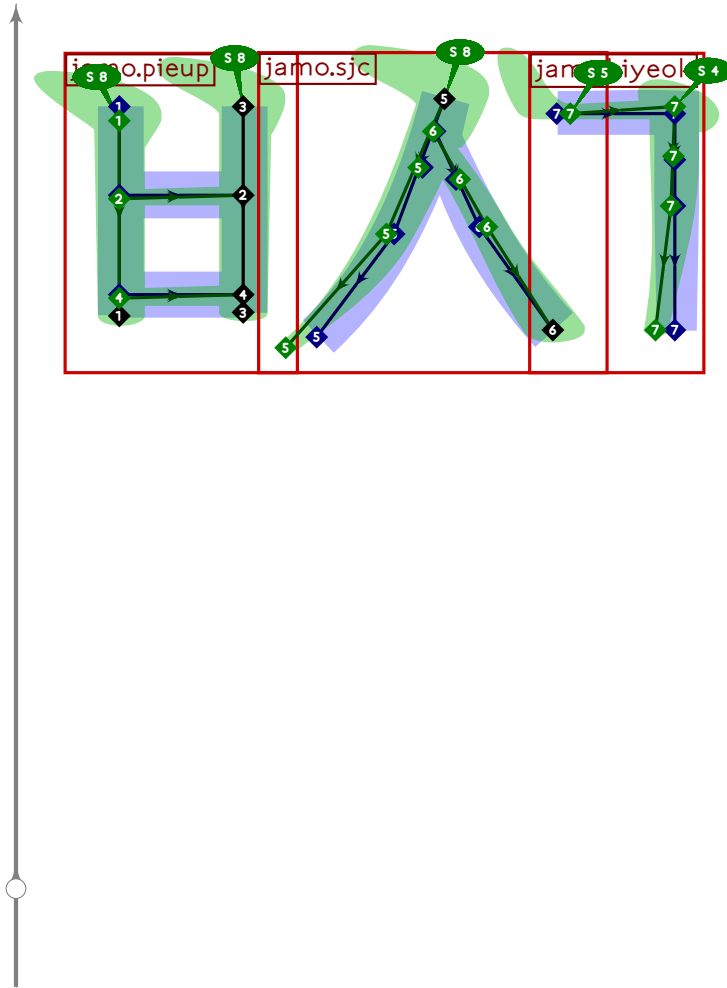
```

U+FF721  
jieub.uni1121.bug



FF7

```
263 % hangul lead pieup-sios
264 begintsuglyph("uni1121.bug";33);
265   hangul.combine.lr(107,109)(whatever,lixf,loxf);
266   tsu_render;
267 endsuglyph;
268
```

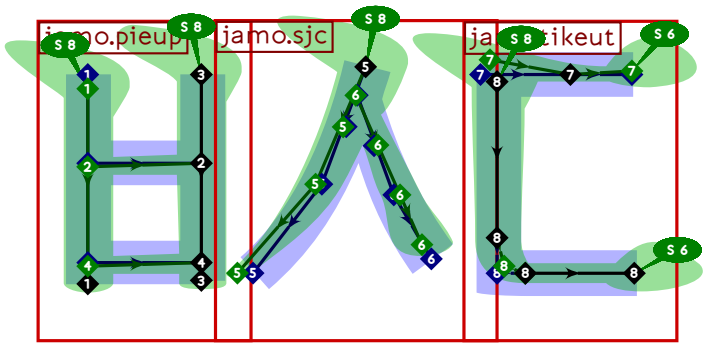


```

269 % hangul lead pieup-sios-kiyeok
270 begintsuglyph("uni1122.bug",34);
271   hangul.combine.lcr(107,109,100)(whatever,lixf,loxf);
272   tsu_render;
273 endtsuglyph;
274

```

U+FF723  
jieub.uni1123.bug

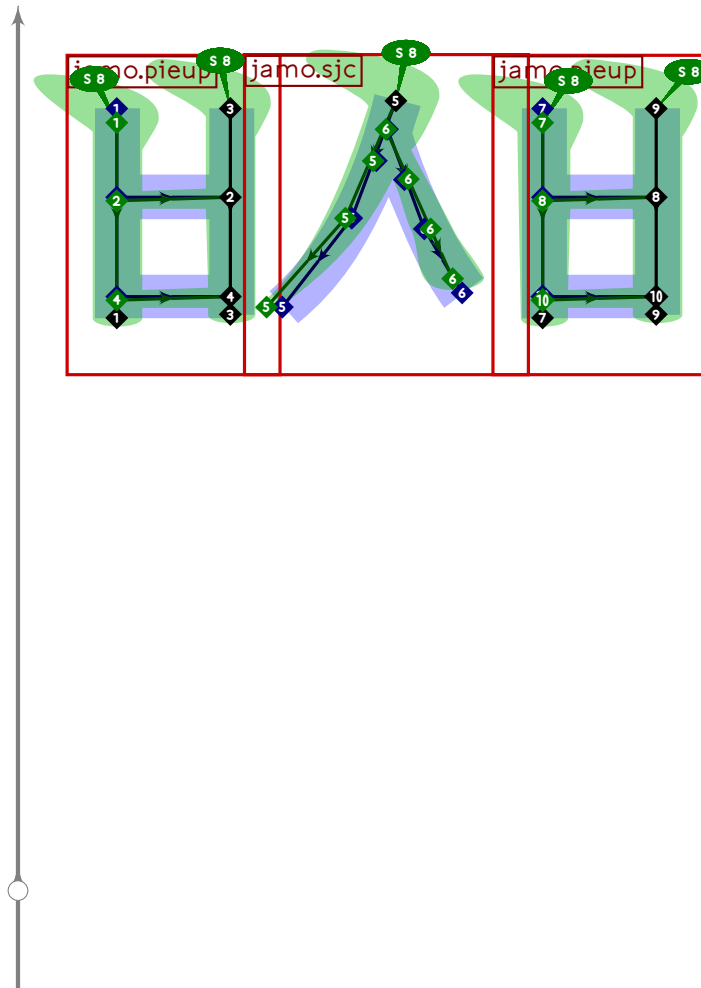


```

275 % hangul lead pieup-sios-tikeut
276 begintsuglyph("uni1123.bug";35);
277   hangul.combine.lcr(107,209;103)(whatever,lixf,loxf);
278   tsu_render;
279 endtsuglyph;
280

```

FF7

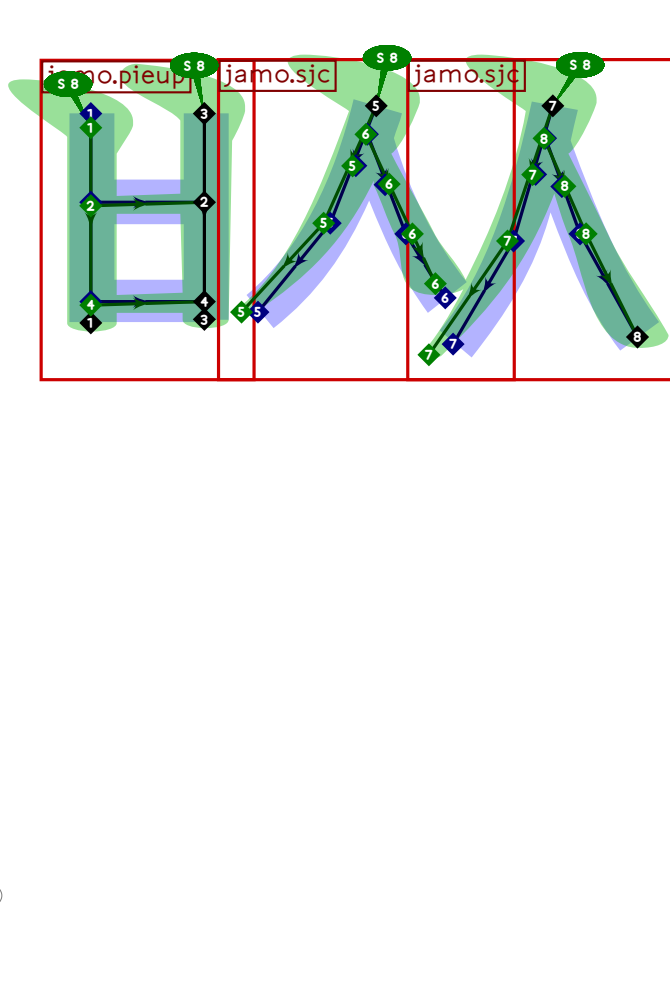


```

281 % hangul lead pieup-sios-pieup
282 begintsuglyph("uni1124.bug";36);
283 hangul.combine.lcr(107,209;107)(whatever,lixf,loxf);
284 tsu_render;
285 endtsuglyph;
286

```

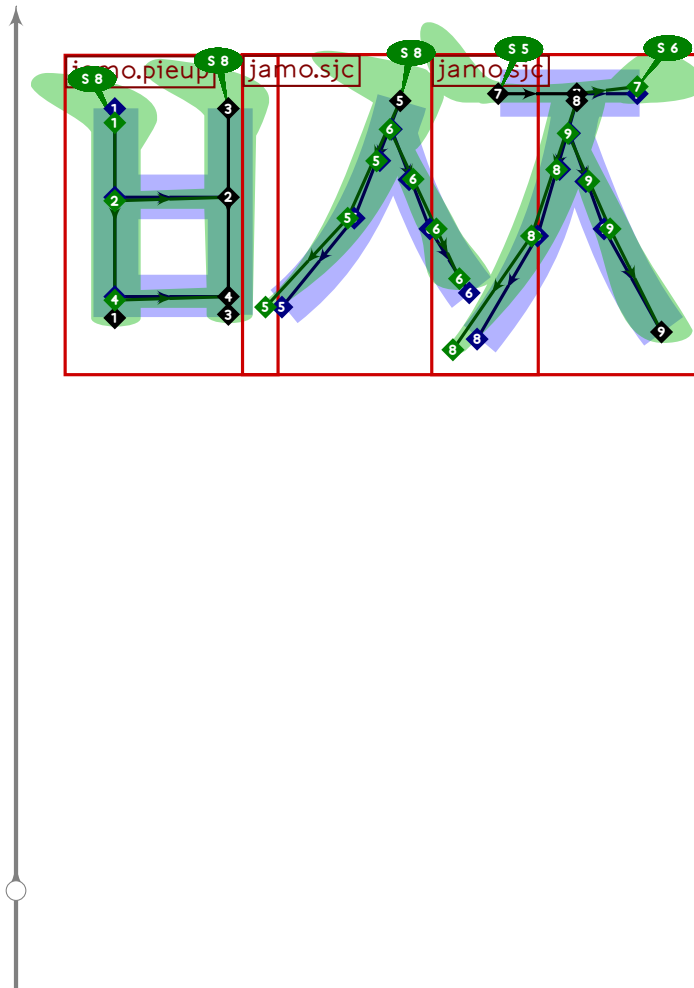
U+FF725  
jieub.uni1125.bug



FF7

```
287 % hangul lead pieup-ssangsios
288 begintsuglyph("uni1125.bug";37);
289 hangul.combine.lcr(107,209;109)(whatever,lixf,loxf);
290 tsu_render;
291 endtsuglyph;
292
```



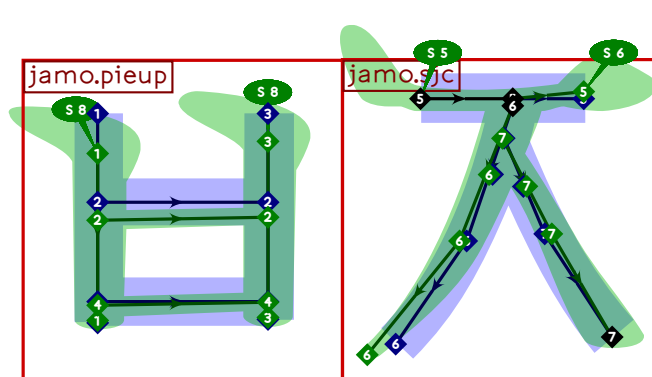


```

293 % hangul lead pieup-sios-cieuc
294 begintsuglyph("uni1126.bug";38);
295   hangul.combine.lcr(107,209;112)(whatever,lixf,loxf);
296   tsu_render;
297 endtsuglyph;
298

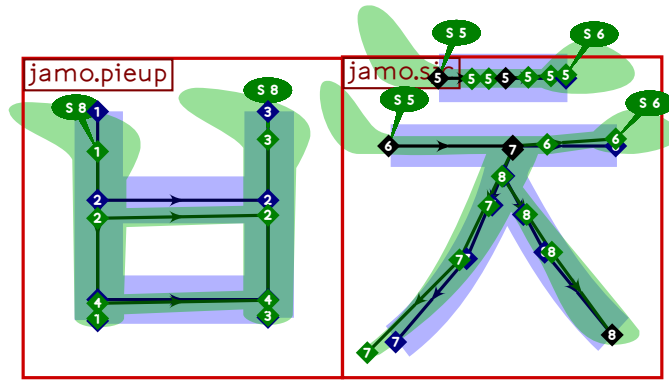
```

U+FF727  
jieub.uni1127.bug



FF7

```
299 % hangul lead pieup-cieuc
300 begintsuglyph("uni1127.bug",39);
301   hangul.combine.lr(207,112)(whatever,lixf,loxf);
302   tsu_render;
303 endtsuglyph;
304
```

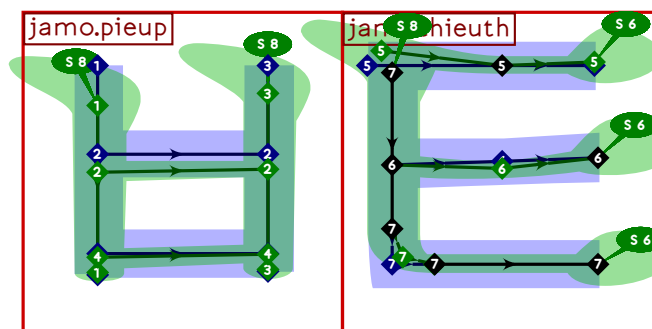


```

305 % hangul lead pieup-chieuch
306 begintsuglyph("uni1128.bug",40);
307   hangul.combine.lr(207,114)(whatever,lixf,loxf);
308   tsu_render;
309 endtsuglyph;
310

```

U+FF729  
jieub.uni1129.bug

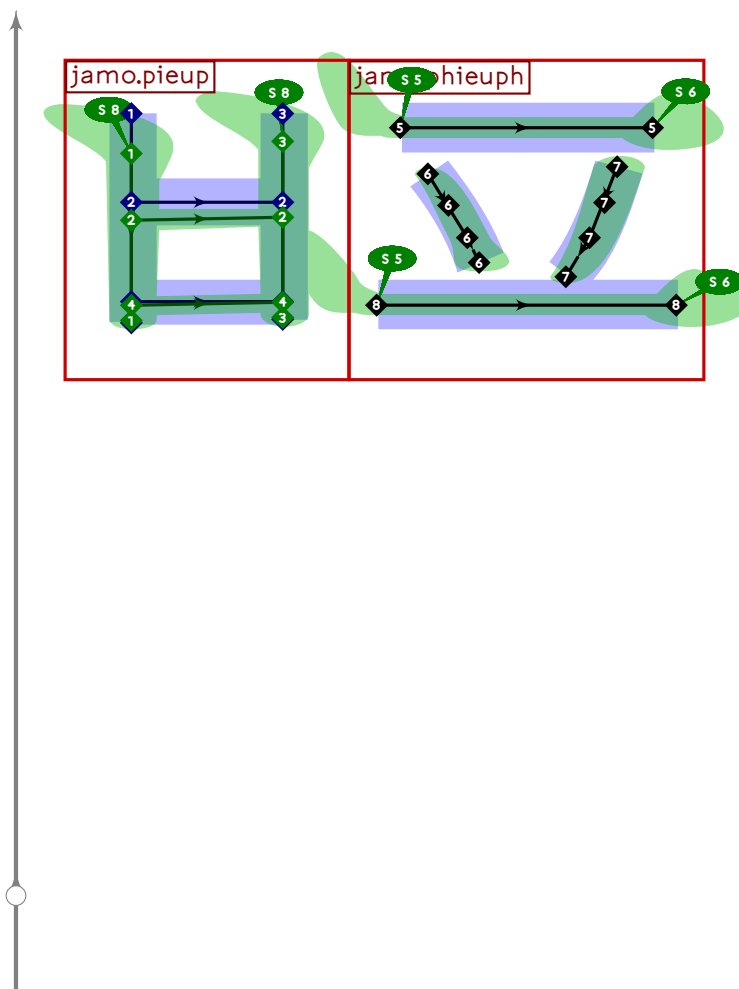


FF7

```

311 % hangul lead pieup-thieuth
312 begintsuglyph("uni1129.bug",41);
313   hangul.combine.lr(207,116)(whatever,lixf,loxf);
314   tsu_render;
315 endtsuglyph;
316

```

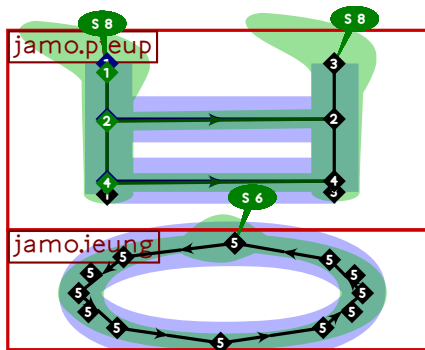


```

317 % hangul lead pieup-phieup
318 begintsuglyph("uni112A.bug";42);
319 hangul.combine.lr(207,117)(whatever,lixf,loxf);
320 tsu_render;
321 endtsuglyph;
322

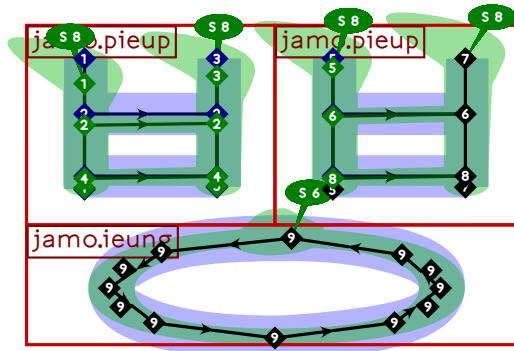
```

U+FF72B  
jieub.uni112B.bug



FF7

```
323 % hangul lead kapyeounpieup
324 begintsuglyph("uni112B.bug",43);
325 hangul.combine.tb(107,521)(whatever,
326   hxf((200,850),(800,-50)) transformed lixf,loxf);
327 tsu_render;
328 endtsuglyph;
329
```

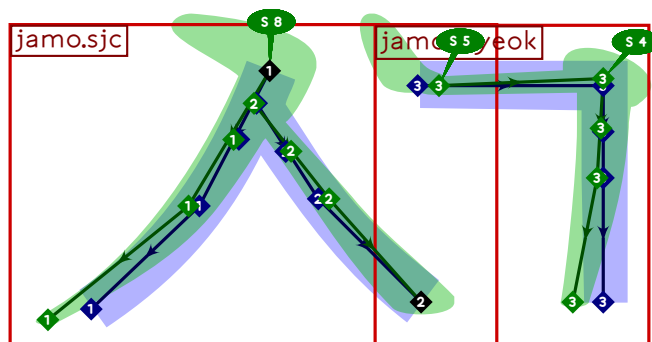


```

330 % hangul lead kapyeounssangpieup
331 begintsuglyph("uni112C.bug",44);
332   hangul.combine.tb(108,521)(whatever,
333     hxf((150,850),(850,-50)) transformed lixf,loxf);
334   tsu_render;
335 endtsuglyph;
336

```

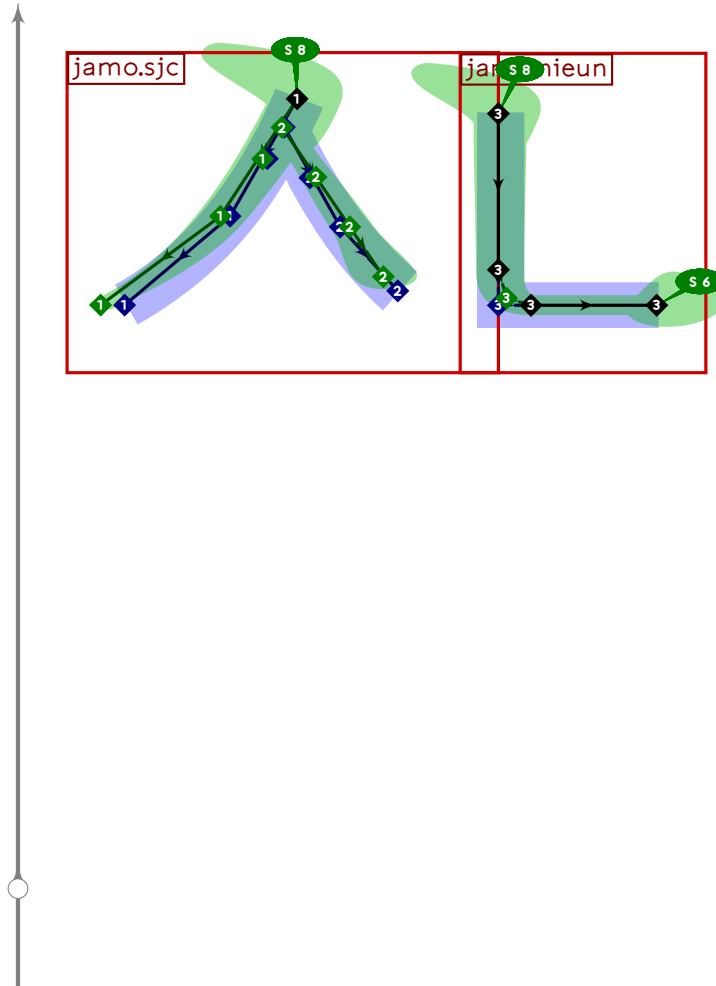
U+FF72D  
jieub.uni112D.bug



FF7

```
337 % hangul lead sios-kiyeok
338 begintsuglyph("uni112D.bug",45);
339 hangul.combine.lr(109,100)(whatever,lixf,loxf);
340 tsu_render;
341 endtsuglyph;
342
```



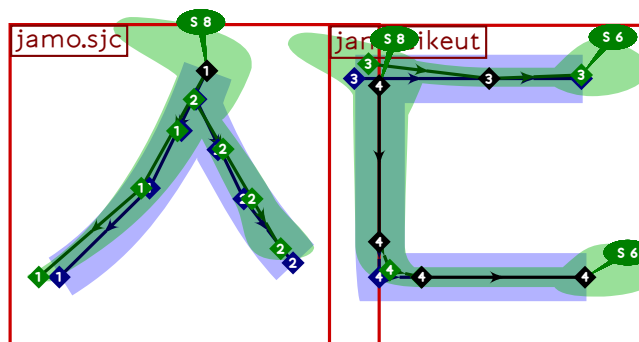


```

343 % hangul lead sios-nieun
344 begintsuglyph("uni112E.bug",46);
345   hangul.combine.lr(209,102)(whatever,lixf,loxf);
346   tsu_render;
347 endtsuglyph;
348

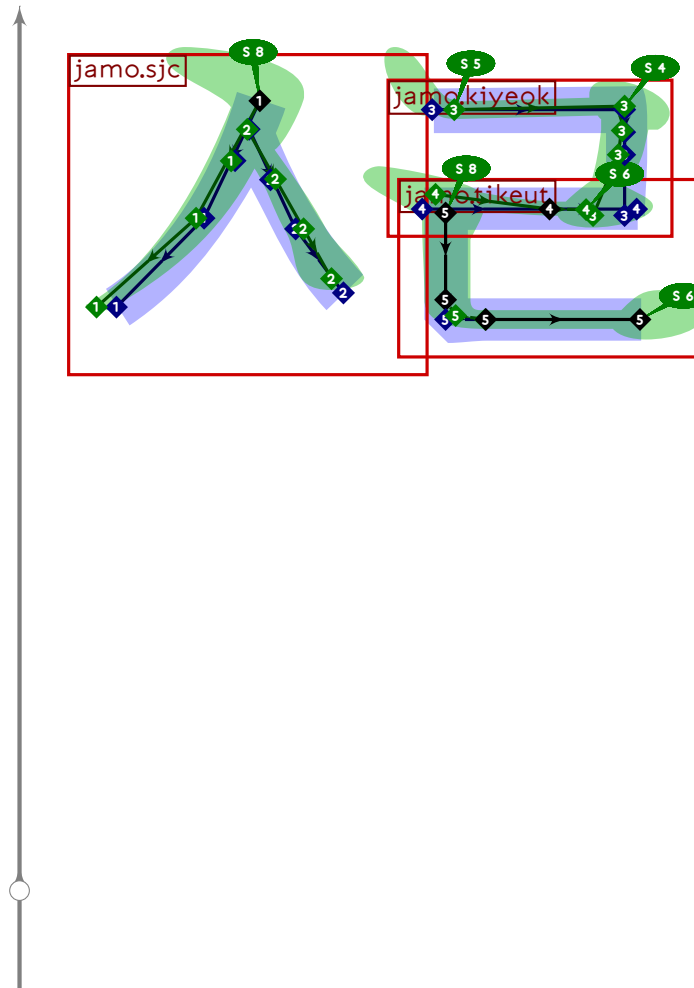
```

U+FF72F  
jieub.uni112F.bug



FF7

```
349 % hangul lead sios-tikeut
350 begintsuglyph("uni112F.bug";47);
351   hangul.combine.lr(209,103)(whatever,lixf,loxf);
352   tsu_render;
353 endtsuglyph;
354
```

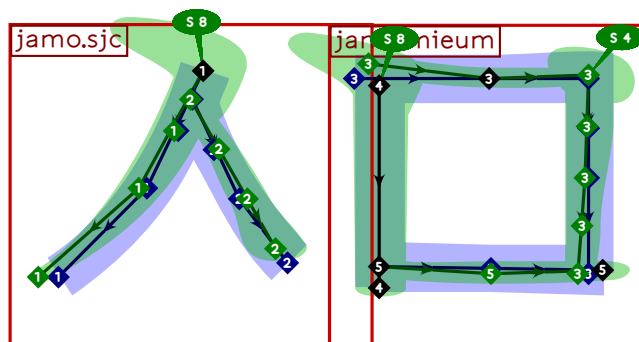


```

355 % hangul lead sios-rieul
356 begintsuglyph("uni1130.bug",48);
357 hangul.combine.lr(209,105)(whatever,lixf,loxf);
358 tsu_render;
359 endtsuglyph;
360

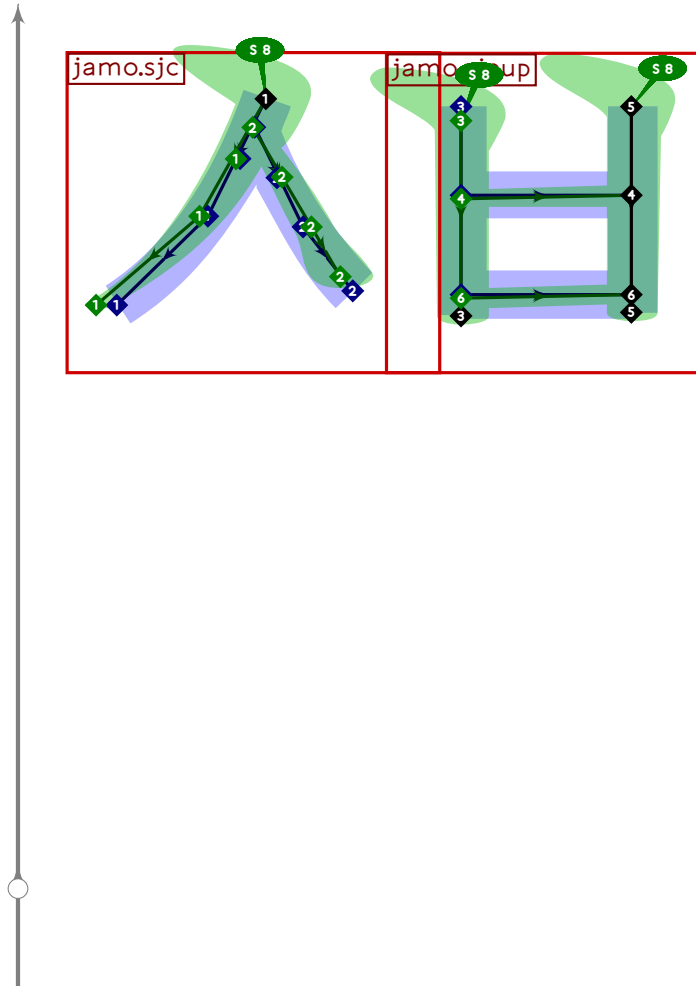
```

U+FF731  
jieub.uni1131.bug



FF7

```
361 % hangul lead sios-mieum
362 begintsuglyph("uni1131.bug";49);
363   hangul.combine.lr(209,106)(whatever,lixf,loxf);
364   tsu_render;
365 endtsuglyph;
366
```

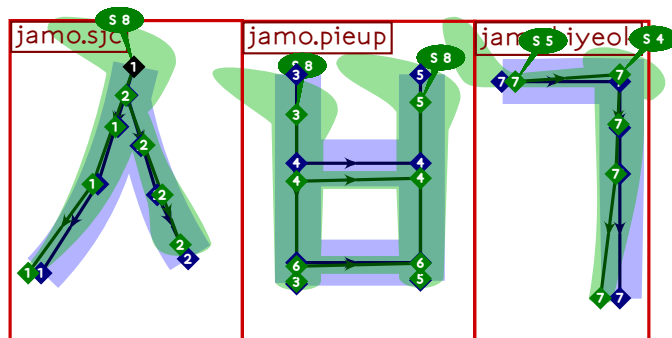


```

367 % hangul lead sios-pieup
368 begintsuglyph("uni1132.bug",50);
369 hangul.combine.lr(209,107)(whatever,lixf,loxf);
370 tsu_render;
371 endtsuglyph;
372

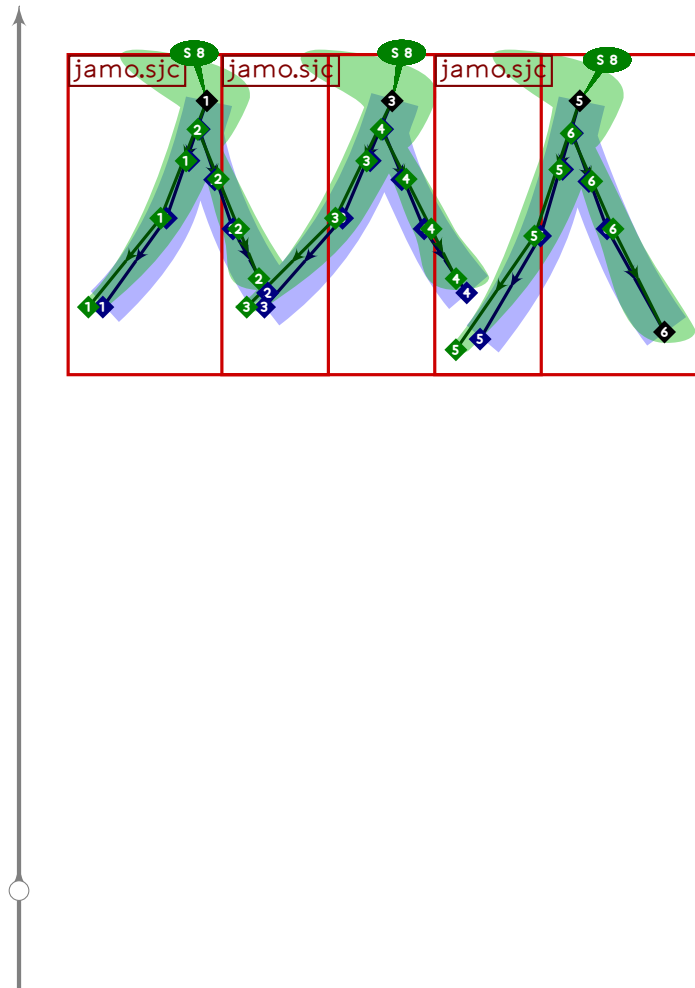
```

U+FF733  
jieub.uni1133.bug



FF7

```
373 % hangul lead sios-pieup-kiyeok
374 begintsuglyph("uni1133.bug",51);
375 hangul.combine.lcr(209,207,100)(whatever,lixf,loxf);
376 tsu_render;
377 endtsuglyph;
378
```

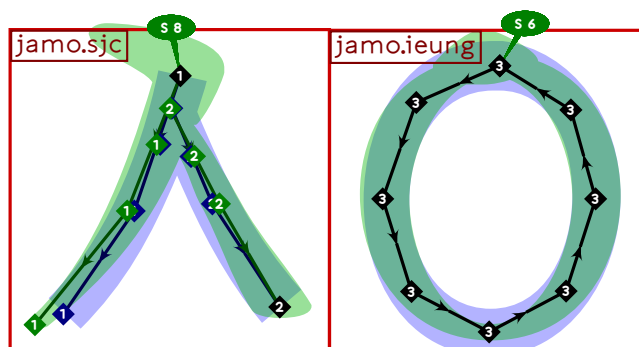


```

379 % hangul lead sios-sios-sios
380 begintsuglyph("uni1134.bug",52);
381   hangul.combine.lcr(209,209,109)(whatever,lixf,loxf);
382   tsu_render;
383 endtsuglyph;
384

```

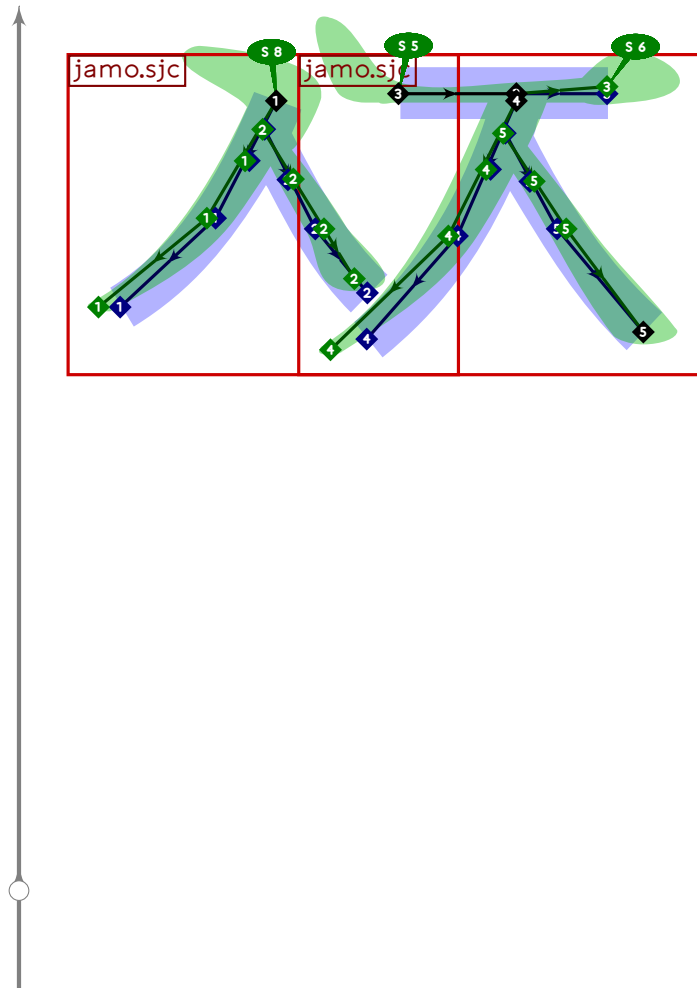
U+FF735  
jieub.uni1135.bug



FF7

```
385 % hangul lead sios-ieung
386 begintsuglyph("uni1135.bug";53);
387 hangul.combine.lr(109;111)(whatever;lixf,loxf);
388 tsu_render;
389 endtsuglyph;
390
```



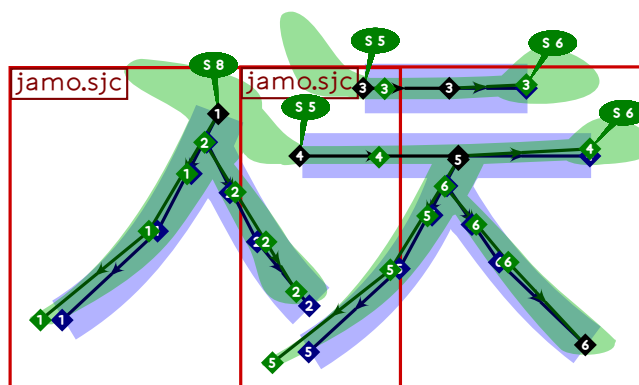


```

391 % hangul lead sios-cieuc
392 begintsuglyph("uni1136.bug",54);
393   hangul.combine.lr(209,112)(whatever,lixf,loxf);
394   tsu_render;
395 endtsuglyph;
396

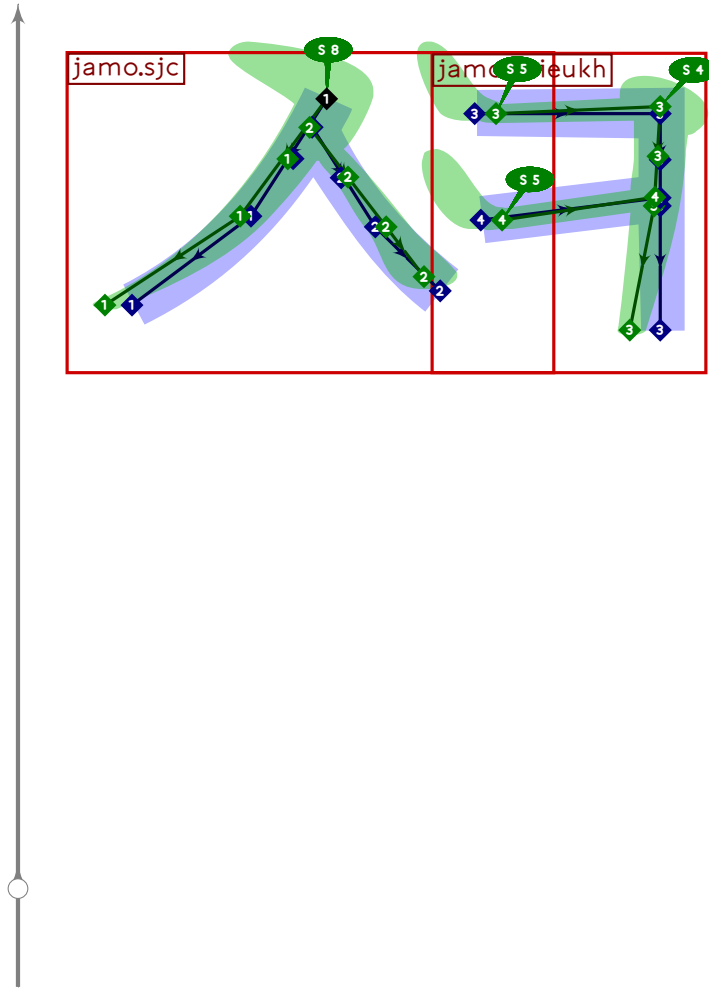
```

U+FF737  
jieub.uni1137.bug



FF7

```
397 % hangul lead sios-chieuch
398 begintsuglyph("uni1137.bug";55);
399 hangul.combine.lr(209,114)(whatever,lixf,loxf);
400 tsu_render;
401 endtsuglyph;
402
```

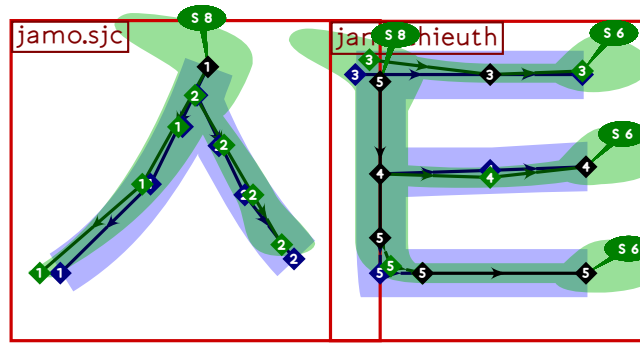


```

403 % hangul lead sios-khieukh
404 begintsuglyph("uni1138.bug",56);
405   hangul.combine.lr(209,115)(whatever,lixf,loxf);
406   tsu_render;
407 endtsuglyph;
408

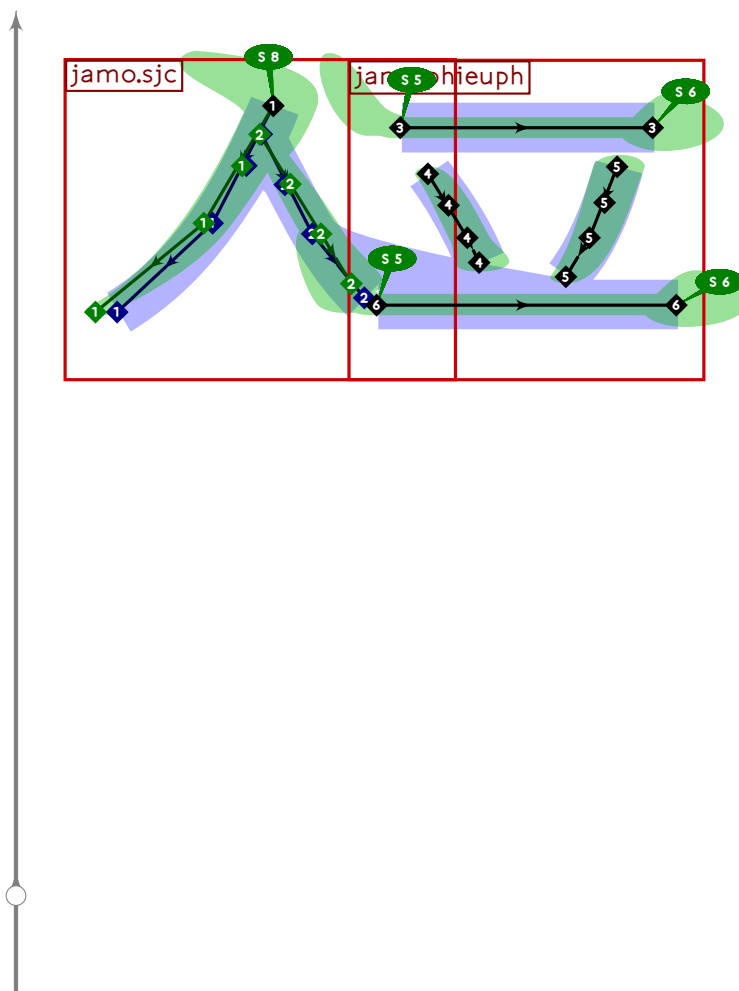
```

U+FF739  
jieub.uni1139.bug



FF7

```
409 % hangul lead sios-thieuth
410 begintsuglyph("uni1139.bug";57);
411 hangul.combine.lr(209,116)(whatever,lixf,loxf);
412 tsu_render;
413 endtsuglyph;
414
```

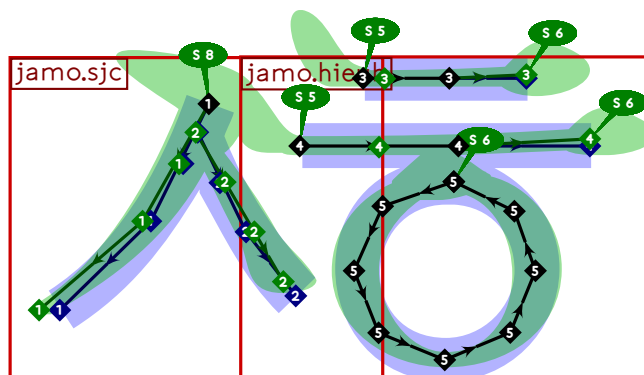


```

415 % hangul lead sios-phieuph
416 begintsuglyph("uni113A.bug",58);
417 hangul.combine.lr(209,117)(whatever,lixf,loxf);
418 tsu_render;
419 endtsuglyph;
420

```

U+FF73B  
jjeub.uni113B.bug

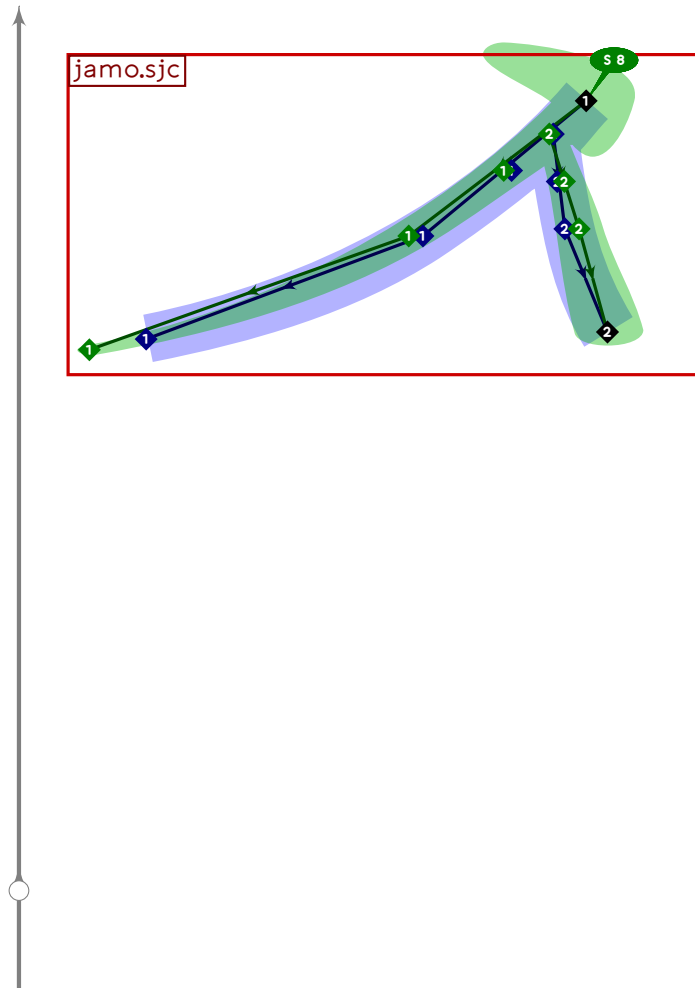


FF7

```

421 % hangul lead sios-hieuh
422 begintsuglyph("uni113B.bug",59);
423   hangul.combine.lr(209,118)(whatever,lixf,loxf);
424   tsu_render;
425 endtsuglyph;
426

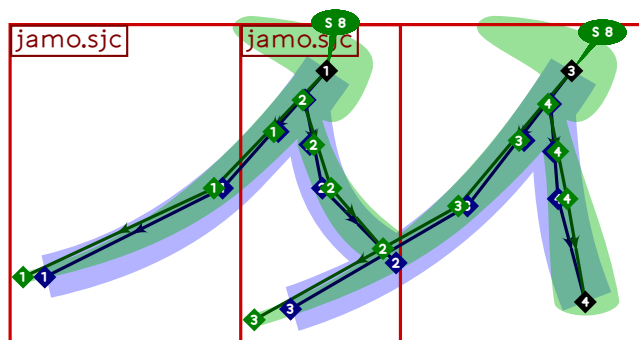
```



```
427 % hangul lead chitueumsios
428 begintsuglyph("uni113C.bug",60);
429 hangul.jamo.sjc(0,1,false)(whatever,lixf,loxf);
430 tsu_render;
431 endsuglyph;
432
```

FF7

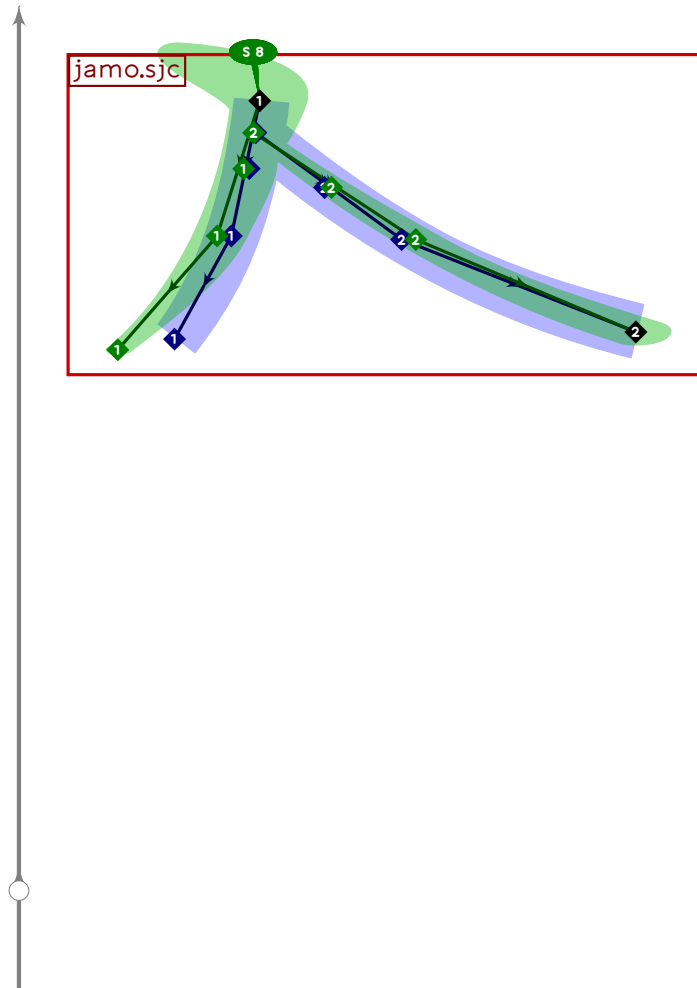
U+FF73D  
jieub.uni113D.bug



FF7

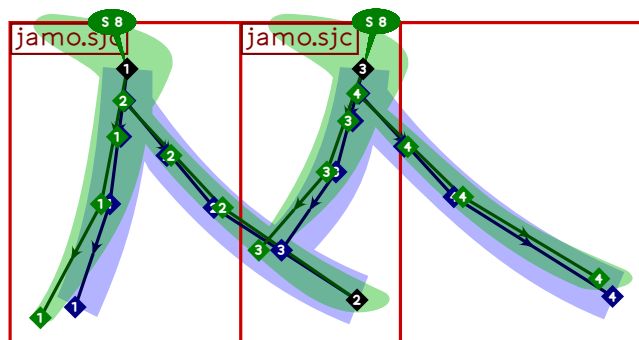
```
433 % hangul lead chitueumssangsios
434 begintsuglyph("uni113D.bug",61);
435   hangul.combine.lr(223,222)(whatever,lixf,loxf);
436   tsu_render;
437 endtsuglyph;
438
```





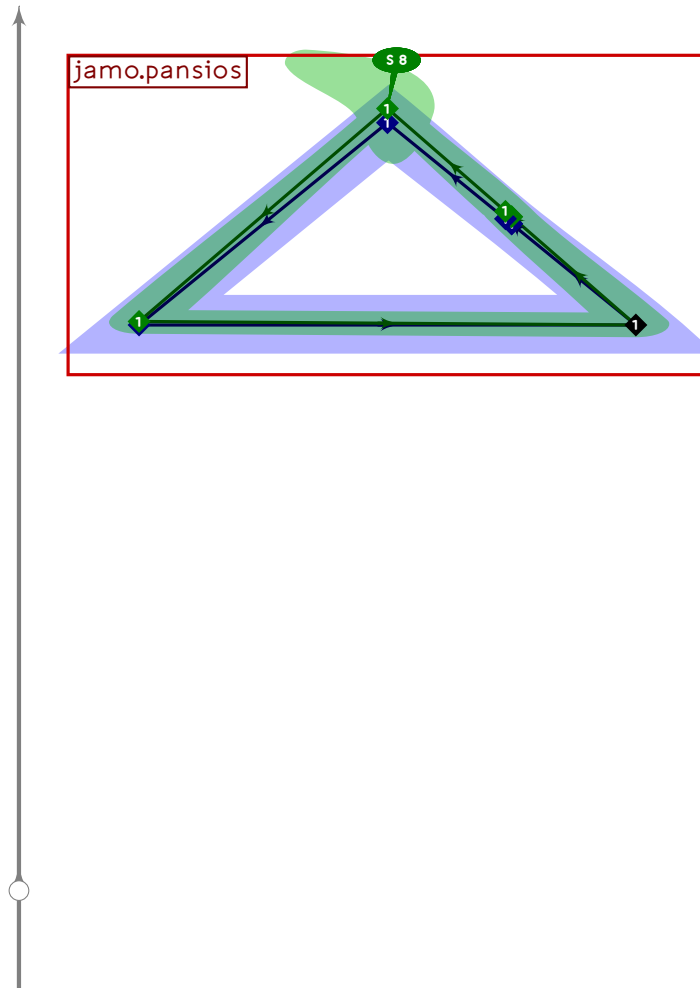
```
439 % hangul lead ceongchieumsios
440 begintsuglyph("uni113E.bug",62);
441   hangul.jamo.sjc(0,-1,false)(whatever,lixf,loxf);
442   tsu_render;
443 endsuglyph;
444
```

U+FF73F  
jieub.uni113F.bug



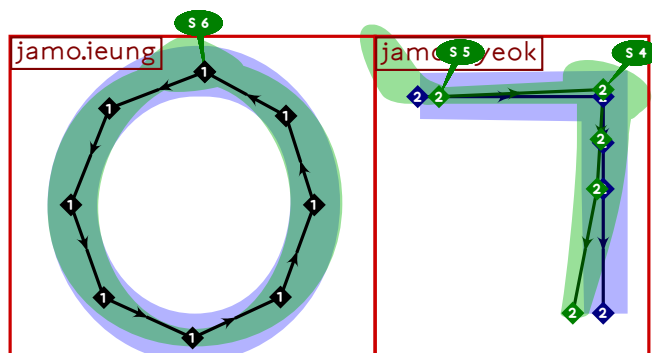
FF7

```
445 % hangul lead ceongchieumssangsios
446 begint Suglyph("uni113F.bug";63);
447   hangul.combine.lr(224,225)(whatever,lixf,loxf);
448   tsu_render;
449 endtsuglyph;
450
```



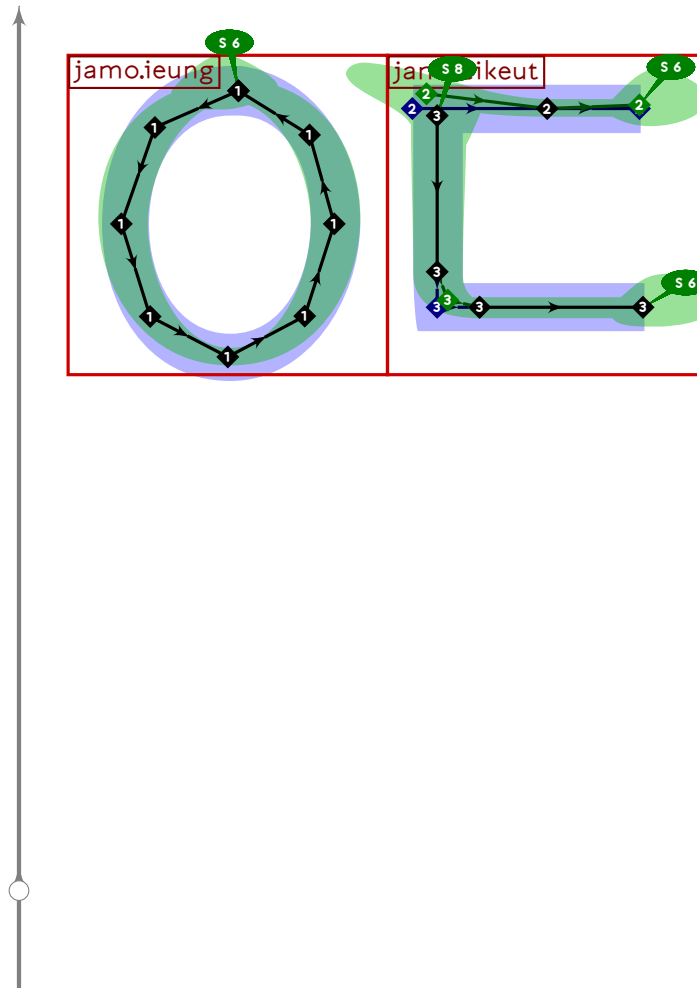
```
451 % hangul lead pansios
452 begintsuglyph("uni1140.bug",64);
453 hangul.jamo.pansios(whatever,lixf,loxf);
454 tsu_render;
455 endsuglyph;
456
```

U+FF741  
jieub.uni1141.bug



FF7

```
457 % hangul lead ieung-kiyeok
458 begint Suglyph("uni1141.bug";65);
459 hangul.combine.lr(111,100)(whatever,lixf,loxf);
460 tsu_render;
461 endtsuglyph;
462
```

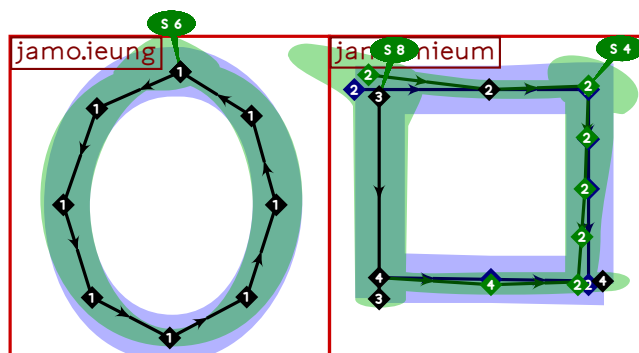


```

463 % hangul lead ieung-tikeut
464 beginsuglyph("uni1142.bug",66);
465   hangul.combine.lr(111,103)(whatever,lixf,loxf);
466   tsu_render;
467 endsuglyph;
468

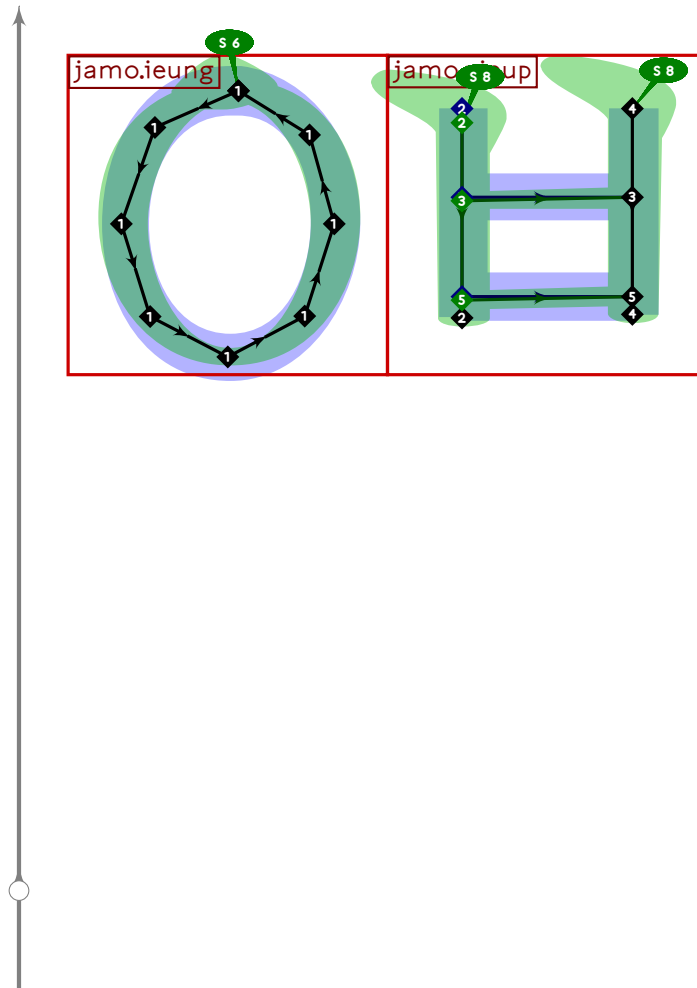
```

U+FF743  
jieub.uni1143.bug



FF7

```
469 % hangul lead ieung-mieum
470 begintsuglyph("uni1143.bug",67);
471 hangul.combine.lr(111,106)(whatever,lixf,loxf);
472 tsu_render;
473 endtsuglyph;
474
```

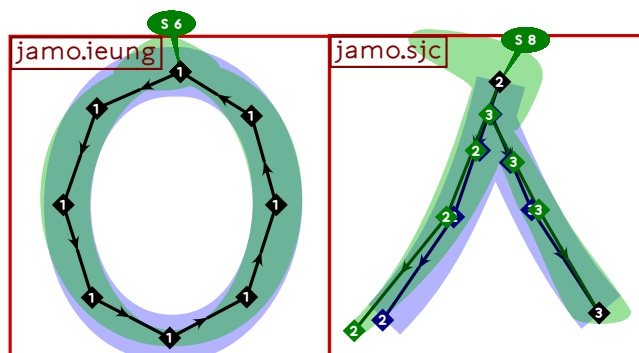


```

475 % hangul lead ieung-pieup
476 begint Suglyph("uni1144.bug",68);
477   hangul.combine.lr(111,107)(whatever,lixf,loxf);
478   tsu_render;
479 endtsuglyph;
480

```

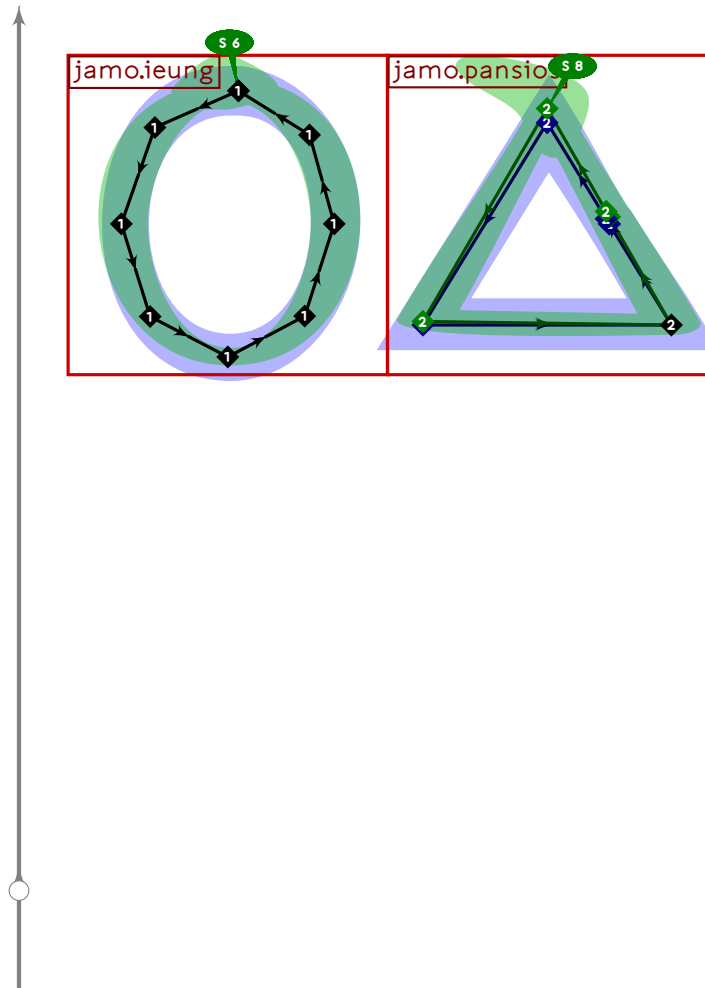
U+FF745  
jieub.uni1145.bug



FF7

```
481 % hangul lead ieung-sios
482 begintsuglyph("uni1145.bug",69);
483   hangul.combine.lr(111,109)(whatever,lixf,loxf);
484   tsu_render;
485 endtsuglyph;
486
```



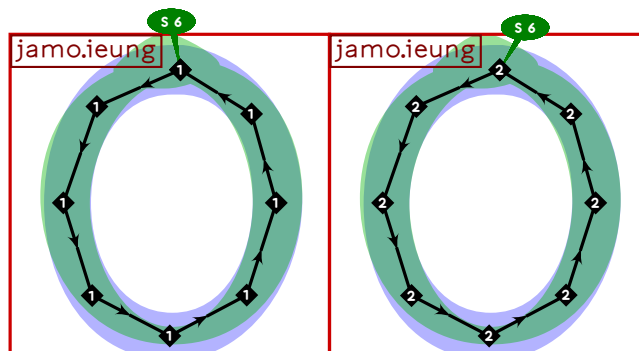


```

487 % hangul lead ieung-pansios
488 begintsuglyph("uni1146.bug",70);
489 hangul.combine.lr(111,219)(whatever,lixf,loxf);
490 tsu_render;
491 endtsuglyph;
492

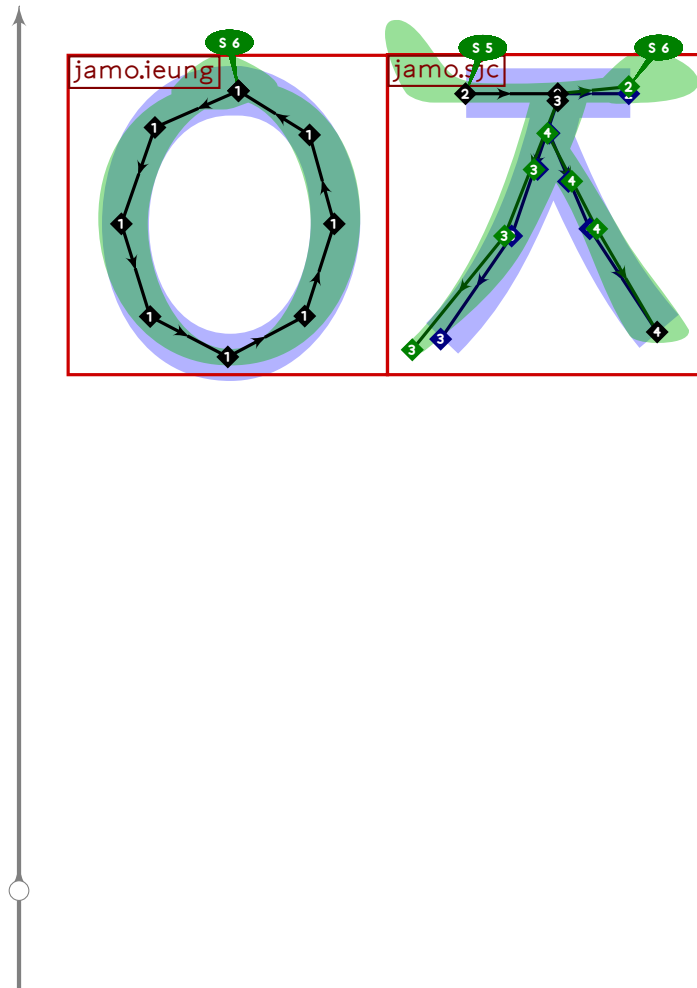
```

U+FF747  
jieub.uni1147.bug



FF7

```
493 % hangul lead ssangieung
494 begintsuglyph("uni1147.bug";71);
495   hangul.combine.lr(111,111)(whatever,lixf,loxf);
496   tsu_render;
497 endtsuglyph;
498
```

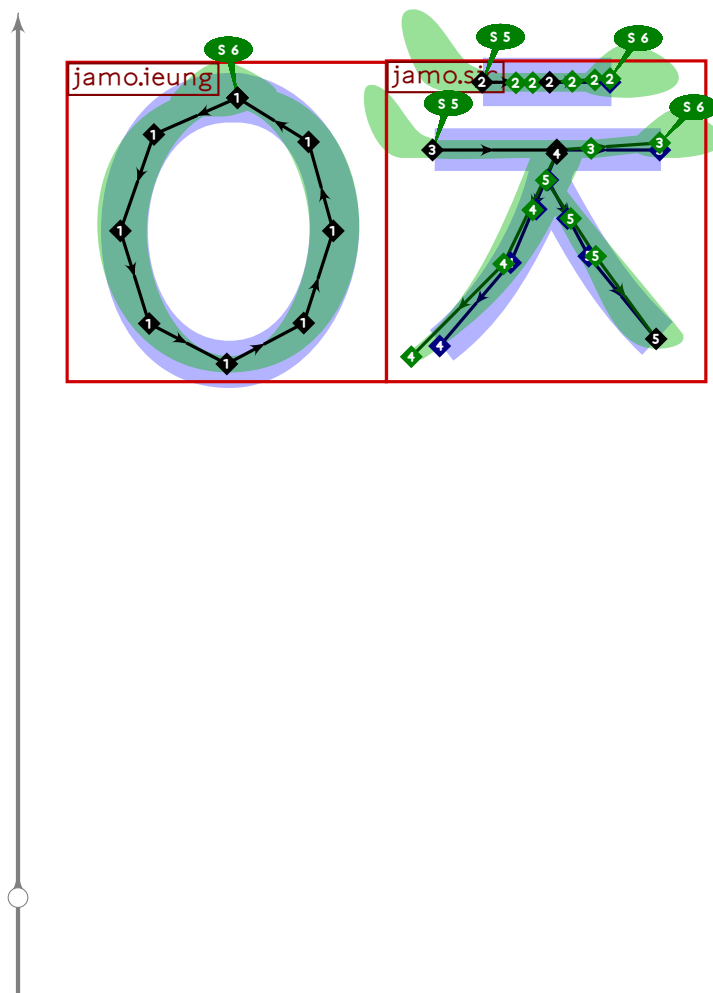


```

499 % hangul lead ieung-cieuc
500 begintsuglyph("uni1148.bug",72);
501   hangul.combine.lr(111,112)(whatever,lixf,loxf);
502   tsu_render;
503 endsuglyph;
504

```

U+FF749  
jieub.uni1149.bug

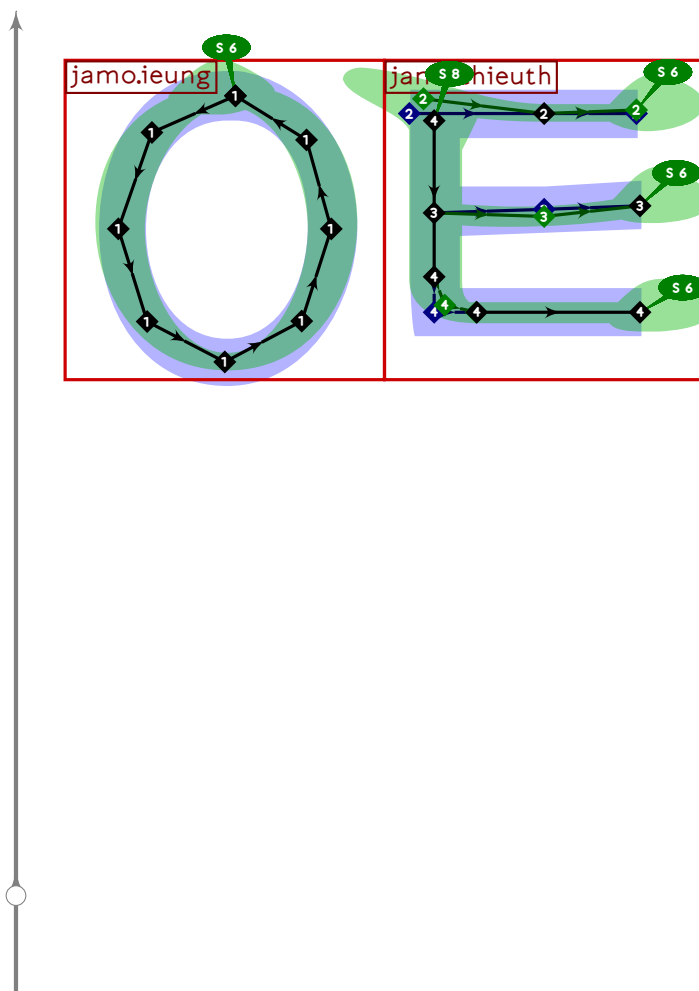


FF7

```

505 % hangul lead ieung-chieuch
506 begintsuglyph("uni1149.bug",73);
507   hangul.combine.lr(111,114)(whatever,lixf,loxf);
508   tsu_render;
509 endtsuglyph;
510

```

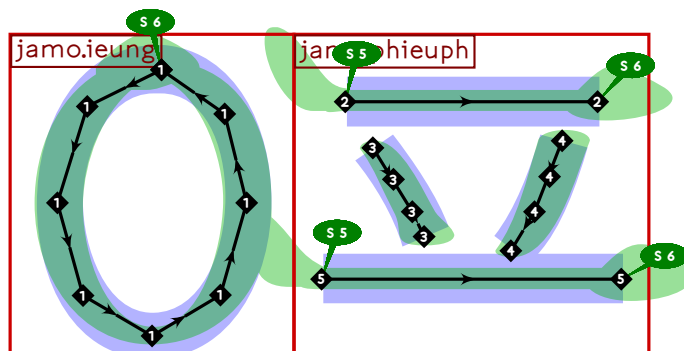


```

511 % hangul lead ieung-theiuth
512 begintsuglyph("uni114A.bug",74);
513   hangul.combine.lr(111,116)(whatever,lixf,loxf);
514   tsu_render;
515 endtsuglyph;
516

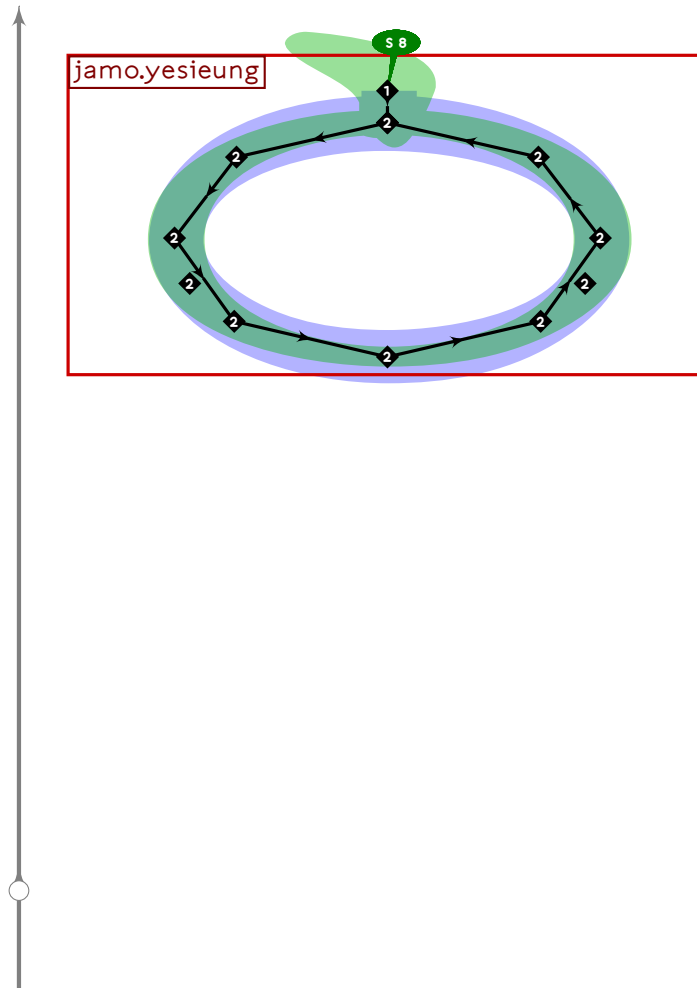
```

U+FF74B  
jieub.uni114B.bug



FF7

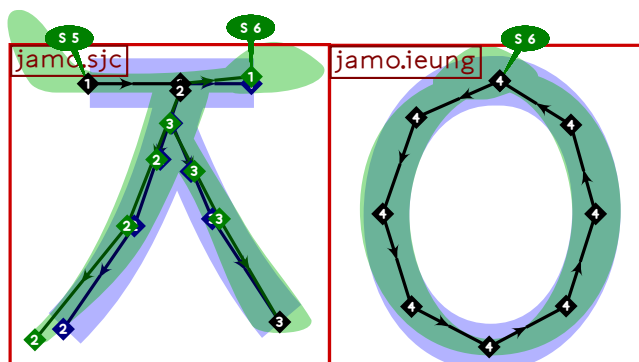
```
517 % hangul lead ieung-phieup
518 begintsuglyph("uni114B.bug",75);
519 hangul.combine.lr(111,117)(whatever,lixf,loxf);
520 tsu_render;
521 endsuglyph;
522
```



```
523 % hangul lead yesieung
524 begintsuglyph("uni114C.bug",76);
525   hangul.jamo.yesieung(whatever,lixf,loxf);
526   tsu_render;
527 endsuglyph;
528
```

FF7

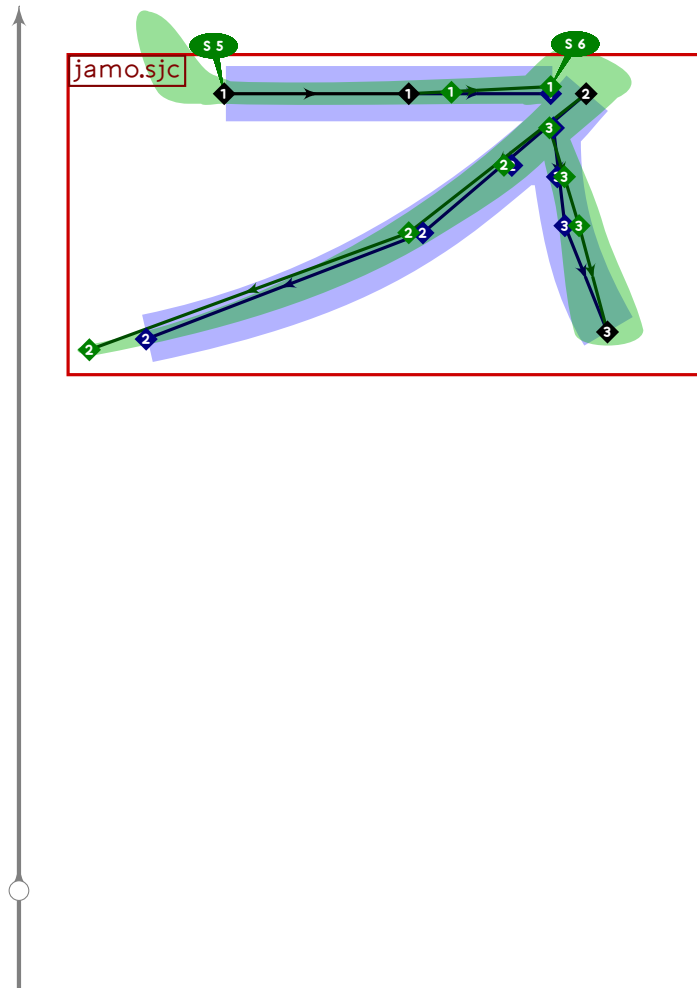
U+FF74D  
jieub.uni114D.bug



FF7

```
529 % hangul lead cieuc-ieung
530 begint Suglyph("uni114D.bug",77);
531   hangul.combine.lr(112,111)(whatever,lixf,loxf);
532   tsu_render;
533 endtsuglyph;
534
```



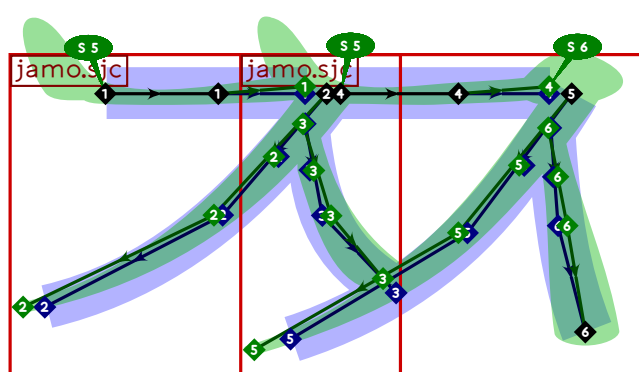


```

535 % hangul lead chitueumcieuc
536 begintsuglyph("uni114E.bug",78);
537   hangul.jamo.sjc(1,1,false)(whatever,lixf,loxf);
538   tsu_render;
539 endtsuglyph;
540

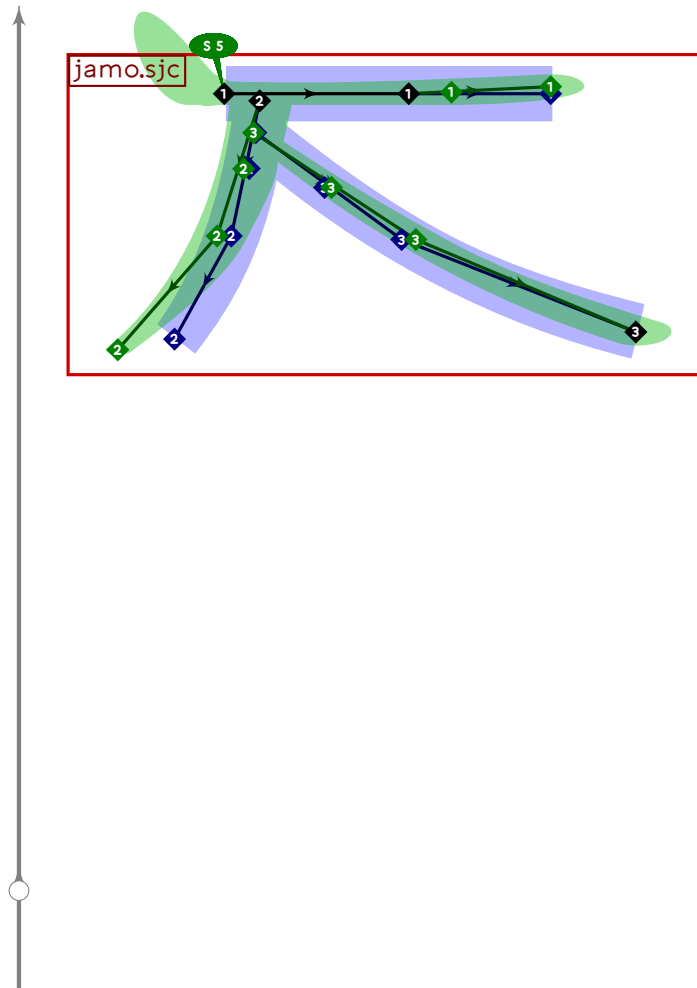
```

U+FF74F  
jieub.uni114F.bug



FF7

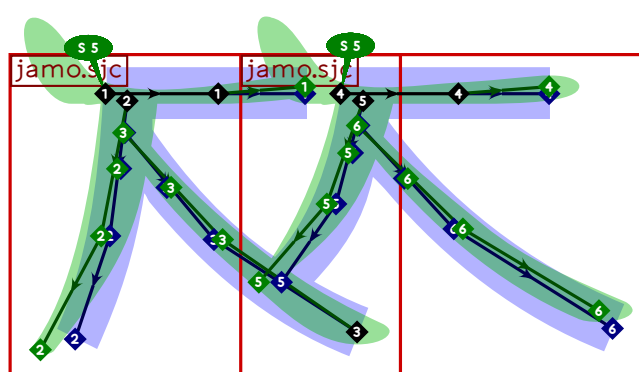
```
541 % hangul lead chitueumssangcieuc
542 begintsuglyph("uni114F.bug",79);
543   hangul.combine.lr(227,226)(whatever,lixf,loxf);
544   tsu_render;
545 endtsuglyph;
546
```



```
547 % hangul lead ceongchieumcieuc
548 begintsuglyph("uni1150.bug";80);
549 hangul.jamo.sjc(1,-1,false)(whatever,lixf,loxf);
550 tsu_render;
551 endsuglyph;
552
```

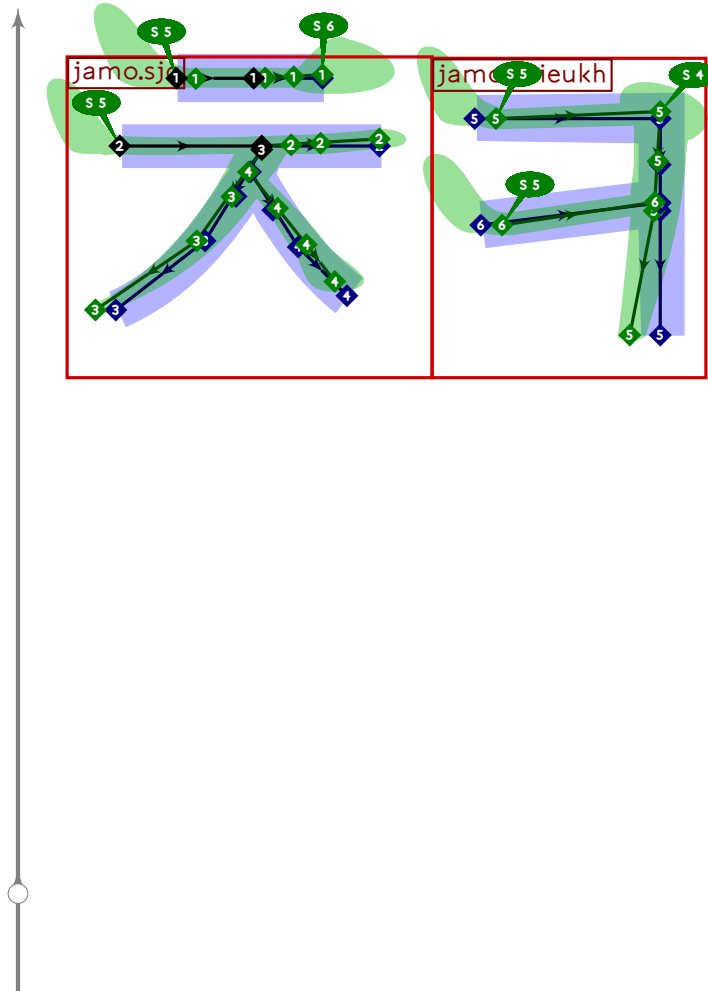
FF7

U+FF751  
jieub.uni1151.bug



FF7

```
553 % hangul lead ceongchieumssangcieuc
554 begintsuglyph("uni1151.bug";81);
555   hangul.combine.lr(228,229)(whatever,lixf,loxf);
556   tsu_render;
557 endtsuglyph;
558
```

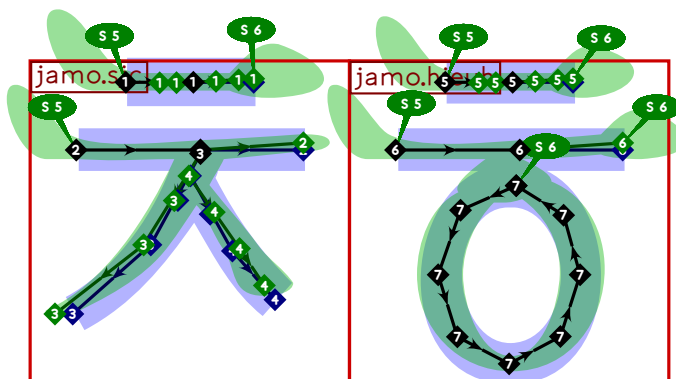


```

559 % hangul lead chieuch-khieukh
560 begint Suglyph("uni1152.bug";82);
561   hangul.combine.lcr(214,230,115)(whatever,lixf,loxf);
562   tsu_render;
563 endtsuglyph;
564

```

U+FF753  
jieub.uni1153.bug

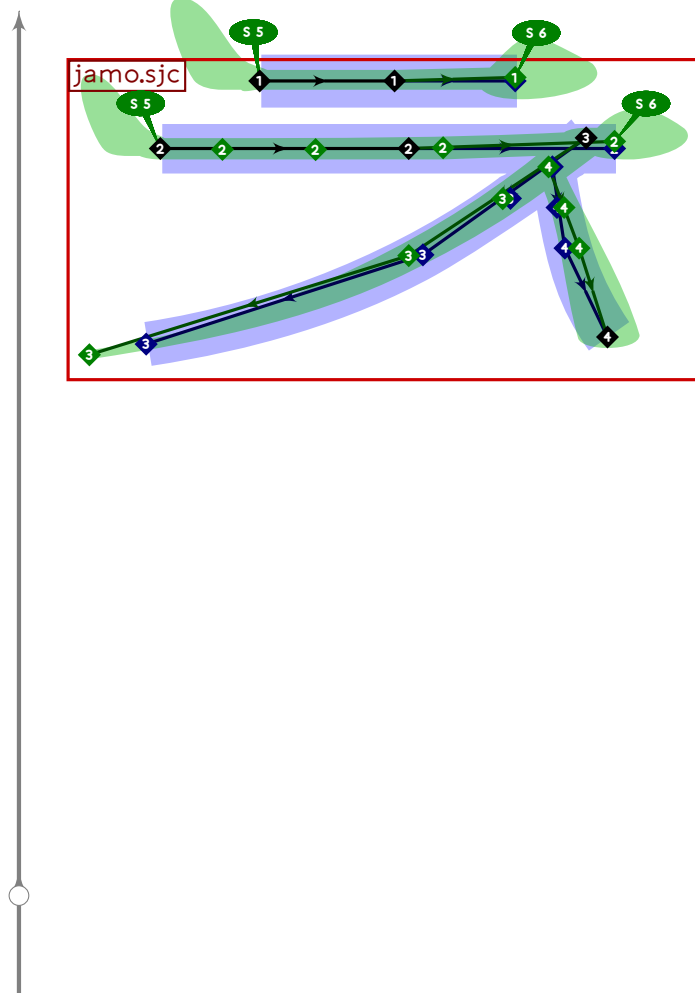


FF7

```

565 % hangul lead chieuch-hieuh
566 begint Suglyph("uni1153.bug";83);
567   hangul.combine.lcr(214,230,118)(whatever,lixf,loxf);
568   tsu_render;
569 endtsuglyph;
570

```

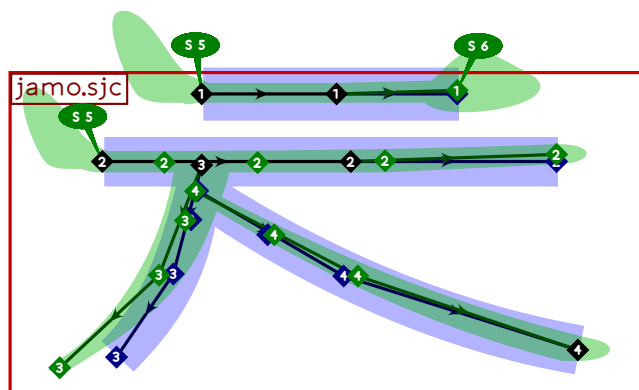


```

571 % hangul lead chitueumcieuc
572 begintsuglyph("uni1154.bug";84);
573   hangul.jamo.sjc(2,1,false)(whatever,lixf,loxf);
574   tsu_render;
575 endtsuglyph;
576

```

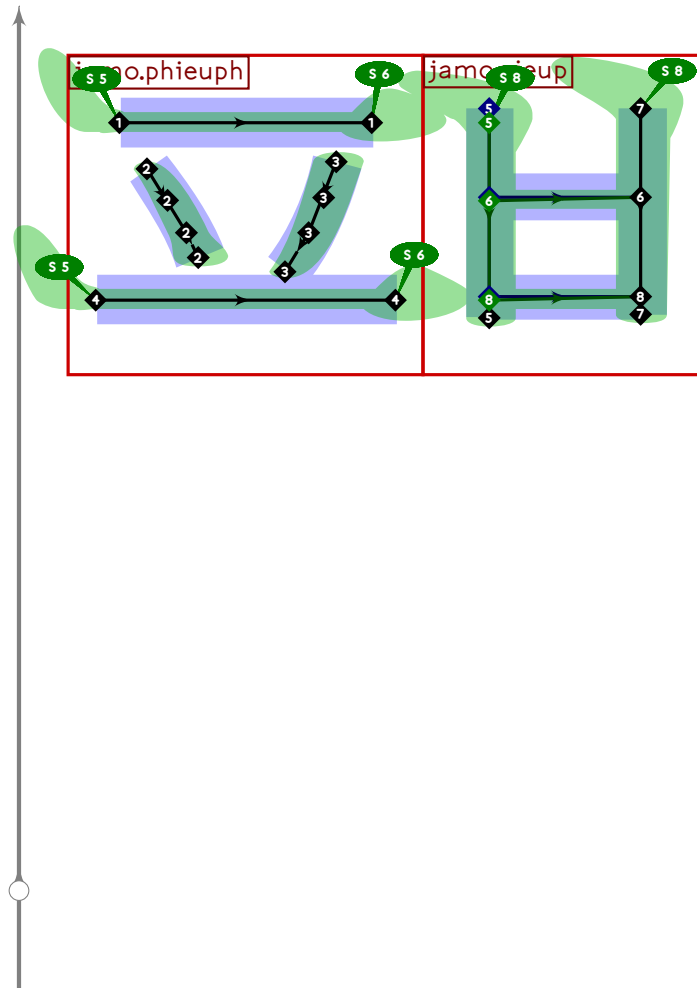
U+FF755  
jieub.uni1155.bug



FF7

```
577 % hangul lead ceongchieumcieuc
578 begintsuglyph("uni1155.bug";85);
579 hangul.jamo.sjc(2,-1,false)(whatever,lixf,loxf);
580 tsu_render;
581 endtsuglyph;
582
```

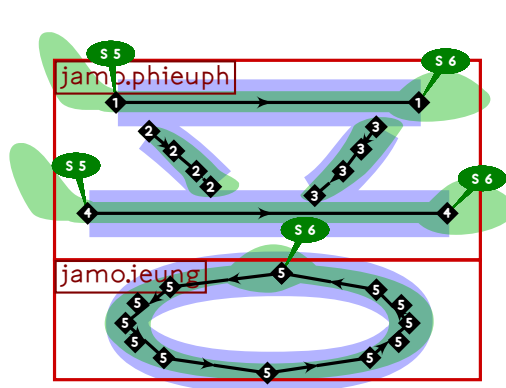




```
583 % hangul lead phieuph-pieup
584 begintsuglyph("uni1156.bug";86);
585   hangul.combine.lr(117,107)(whatever,lixf,loxf);
586   tsu__render;
587 endtsuglyph;
588
```

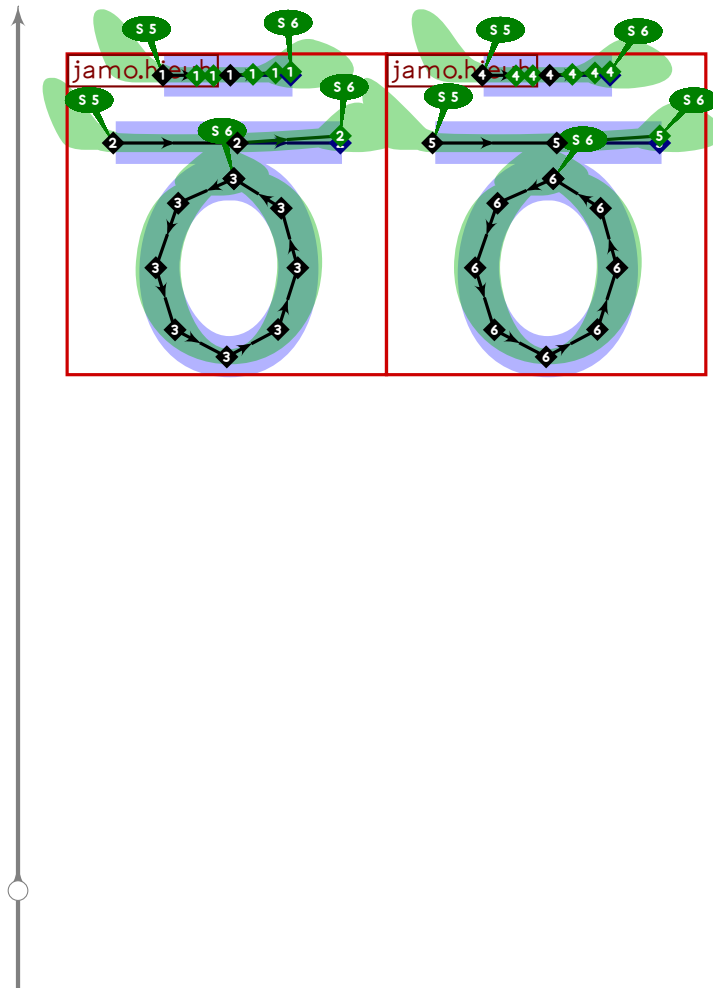
FF7

U+FF757  
jieub.uni1157.bug



FF7

```
589 % hangul lead kapyeounphieuph
590 begintsuglyph("uni1157.bug";87);
591   hangul.combine.tb(117,521)(whatever,
592     hxf((250,850),(850,-50)) transformed lixf,loxf);
593   tsu_render;
594 endtsuglyph;
595
```

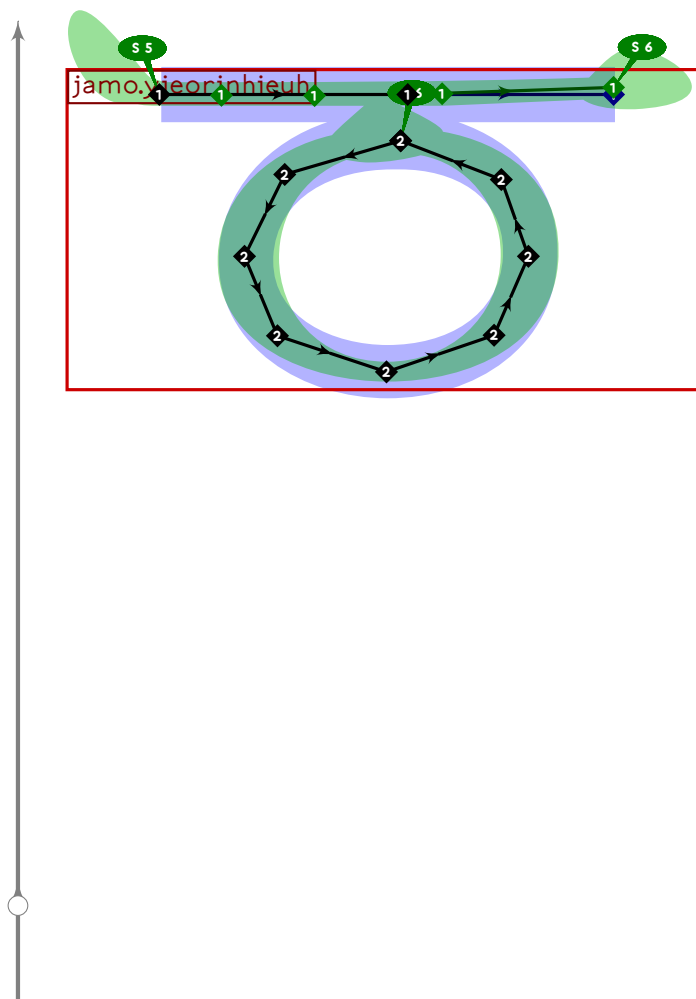


```

596 % hangul lead ssanghieuh
597 begintsuglyph("uni1158.bug";88);
598   hangul.combine.lcr(118,230,118)(whatever,lixf,loxf);
599   tsu_render;
600 endtsuglyph;
601

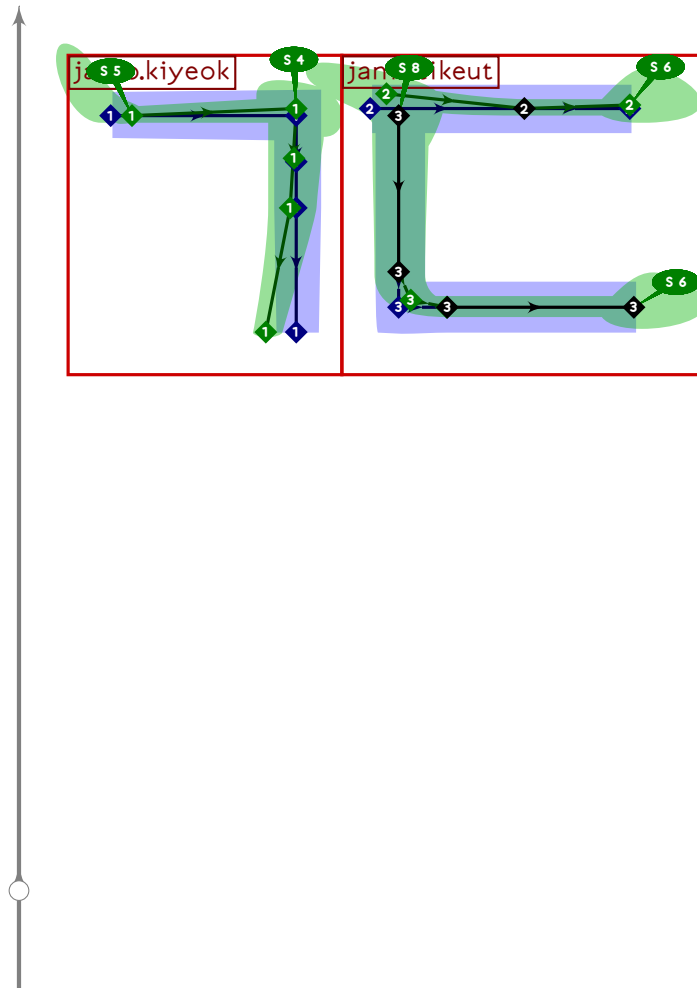
```

U+FF759  
jieub.uni1159.bug



FF7

```
602 % hangul lead yeorinhieuh
603 beginsuglyph("uni1159.bug";89);
604 hangul.jamo.yeorinhieuh(whatever,lixf,loxf);
605 tsu_render;
606 endsuglyph;
607
```

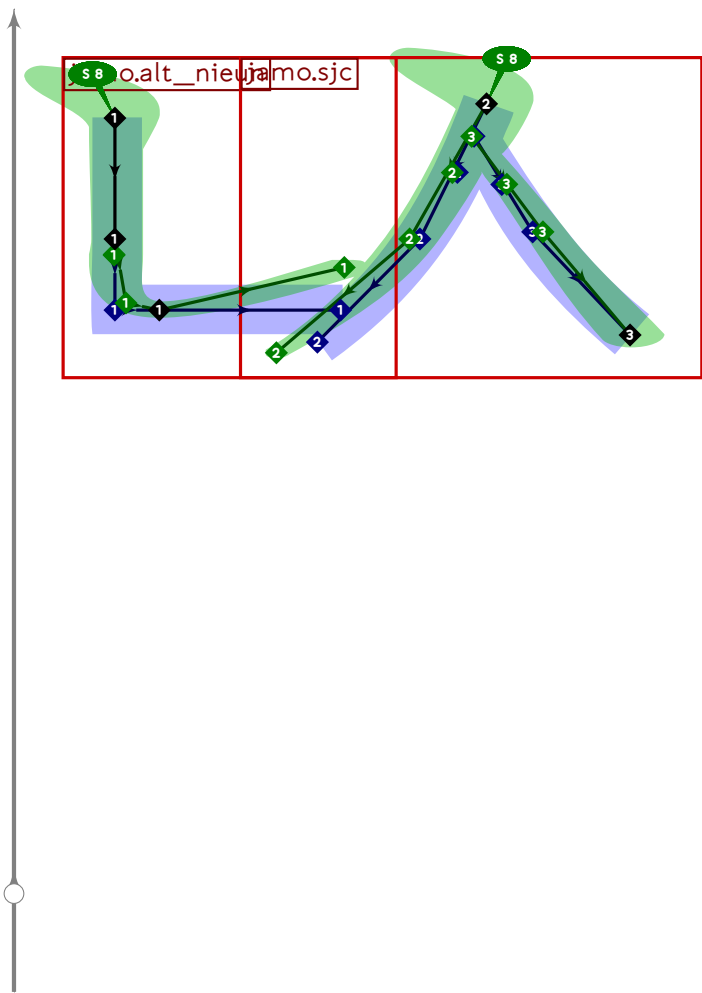


```

608 % hangul lead kiyeok-tikeut
609 beginsuglyph("uni115A.bug",90);
610 hangul.combine.lr(100,103)(whatever,lixf,loxf);
611 tsu_render;
612 endsuglyph;
613

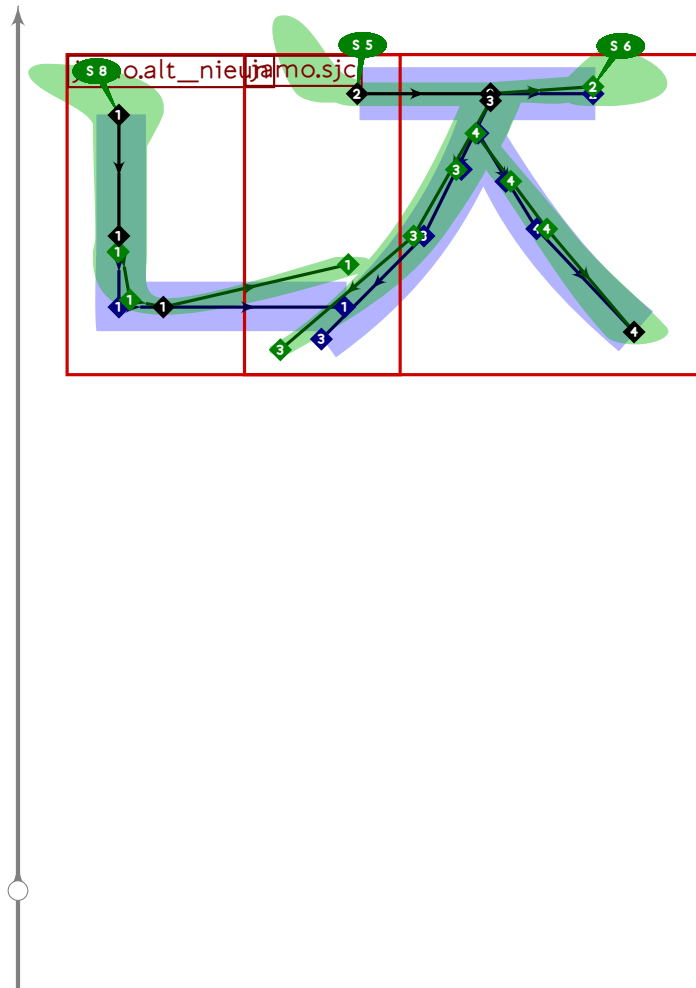
```

U+FF75B  
jieub.uni115B.bug



FF7

```
614 % hangul lead nieun-sios
615 begintsuglyph("uni115B.bug",91);
616   hangul.combine.lr(202,109)(whatever,lixf,loxf);
617   tsu_render;
618 endtsuglyph;
619
```

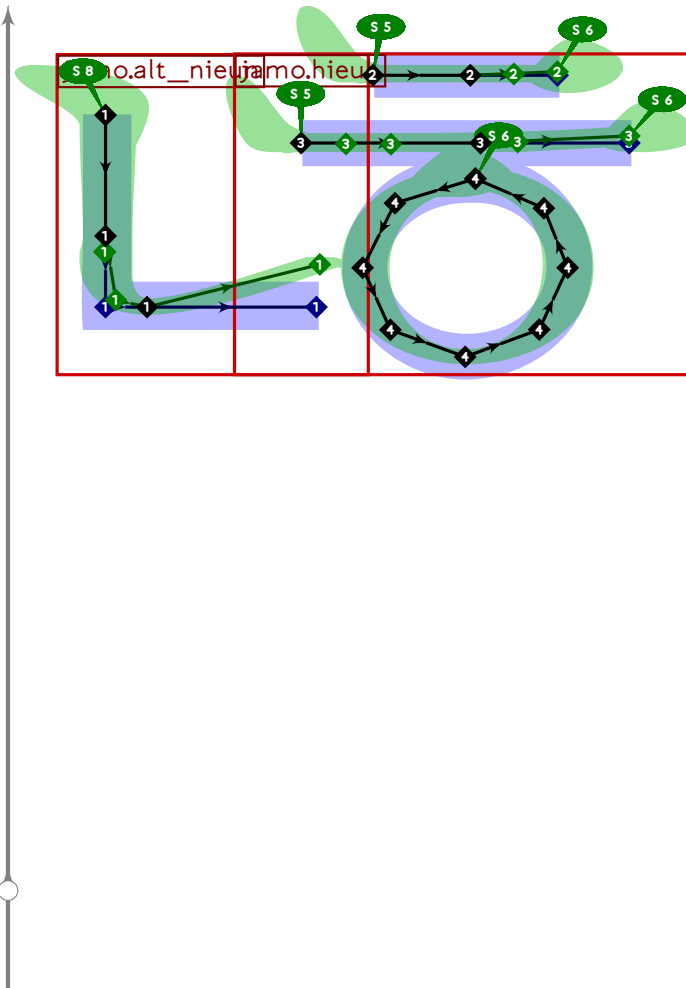


```

620 % hangul lead nieun-cieuc
621 begintsuglyph("uni115C.bug";92);
622   hangul.combine.lr(202,112)(whatever,lixf,loxf);
623   tsu_render;
624 endtsuglyph;
625

```

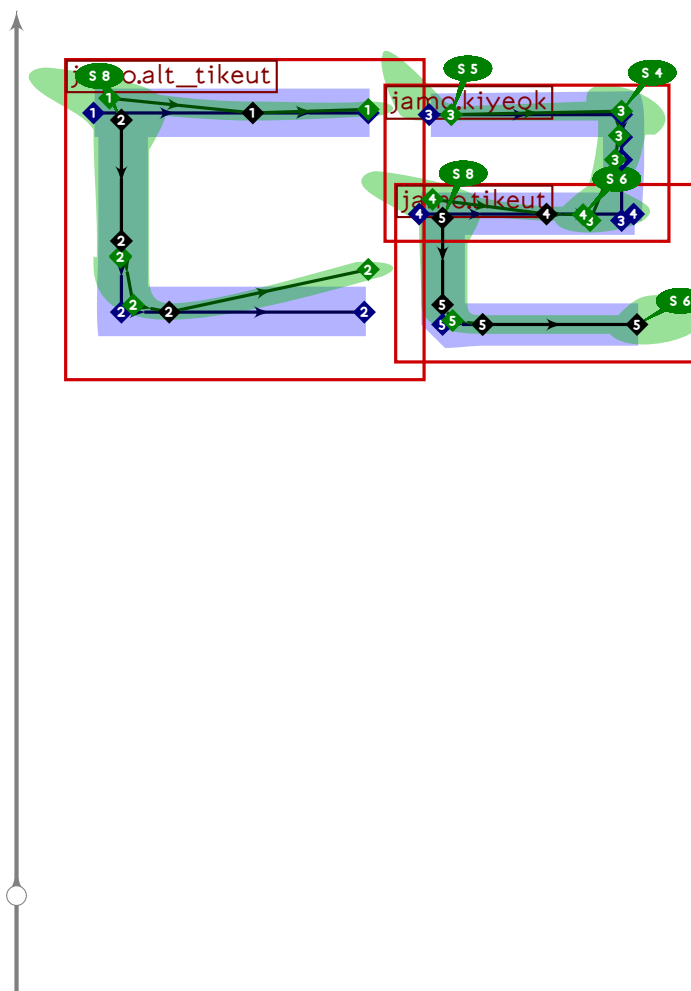
U+FF75D  
jieub.uni115D.bug



FF7

```
626 % hangul lead nieun-hieuh
627 beginsuglyph("uni115D.bug",93);
628   hangul.combine.lr(202,118)(whatever,lixf,loxf);
629   tsu_render;
630 endsuglyph;
631
```





```

632 % hangul lead tikeut-rieul
633 begintsuglyph("uni115E.bug",94);
634   hangul.combine.lr(203,105)(whatever,lixf,loxf);
635   tsu_render;
636 endtsuglyph;
637
638
639
```

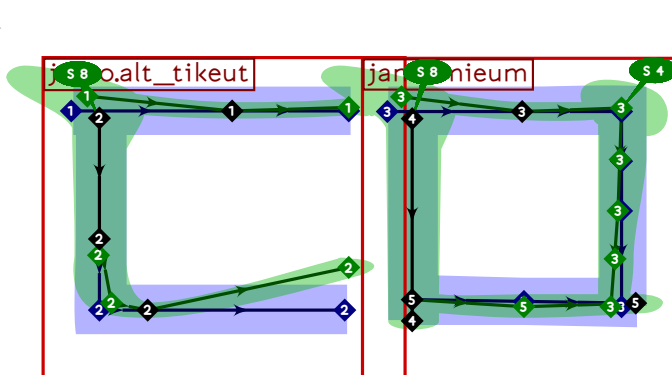
FF7

## Hangul Choseong (Lead) Jamo Extended A

```

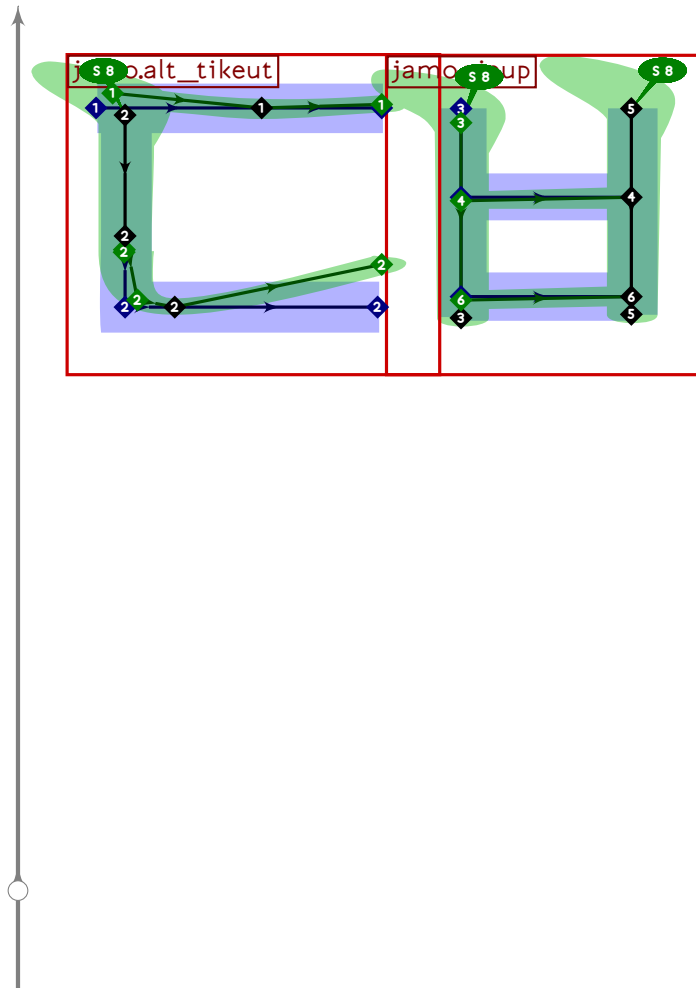
640 % HANGUL CHOSEONG (LEAD) JAMO EXTENDED A
641
```

U+FF760  
jieub.uniA960.bug



FF7

```
642 % hangul lead tikeut-mieum
643 begintsuglyph("uniA960.bug";96);
644   hangul.combine.lr(203,106)(whatever,lixf,loxf);
645   tsu_render;
646 endtsuglyph;
647
```

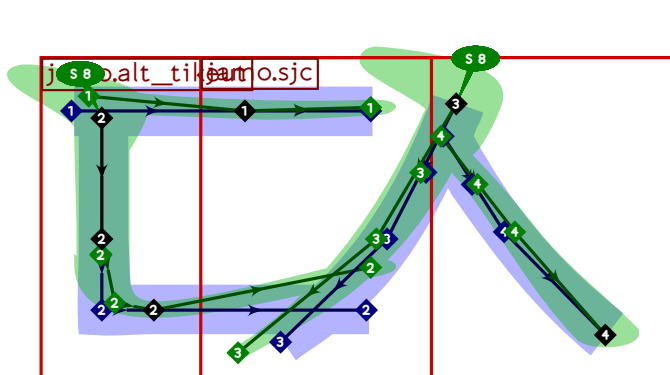


```

648 % hangul lead tikeut-pieup
649 begintsuglyph("uniA961.bug",97);
650 hangul.combine.lr(203,107)(whatever,lixf,loxf);
651 tsu_render;
652 endsuglyph;
653

```

U+FF762  
jieub.uniA962.bug

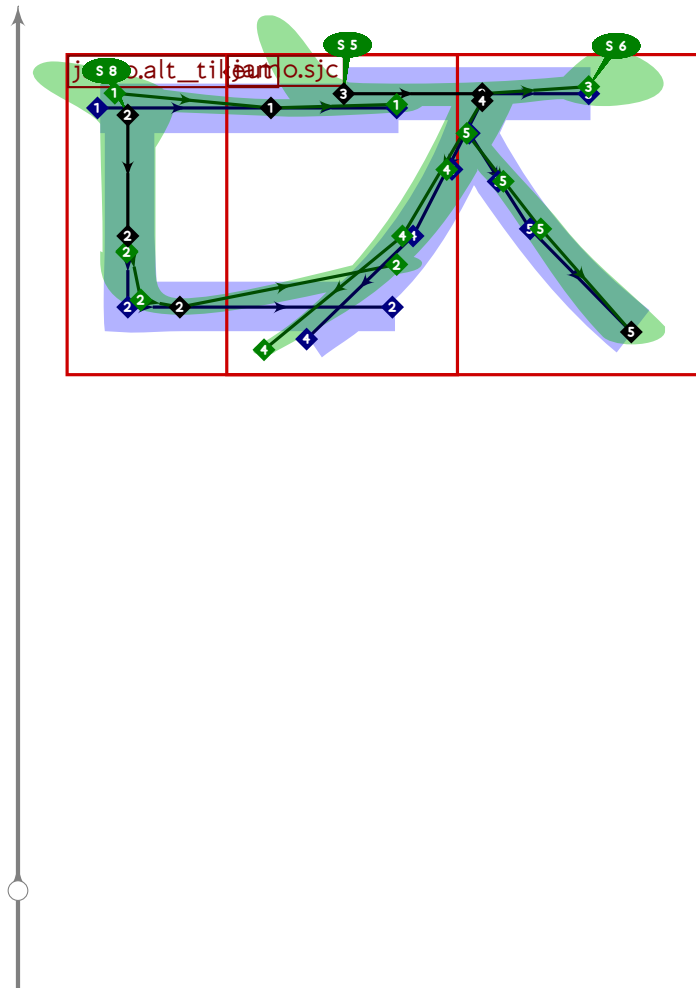


FF7

```

654 % hangul lead tikeut-sios
655 begintsuglyph("uniA962.bug",98);
656   hangul.combine.lr(203,109)(whatever,lixf,loxf);
657   tsu_render;
658 endtsuglyph;
659

```

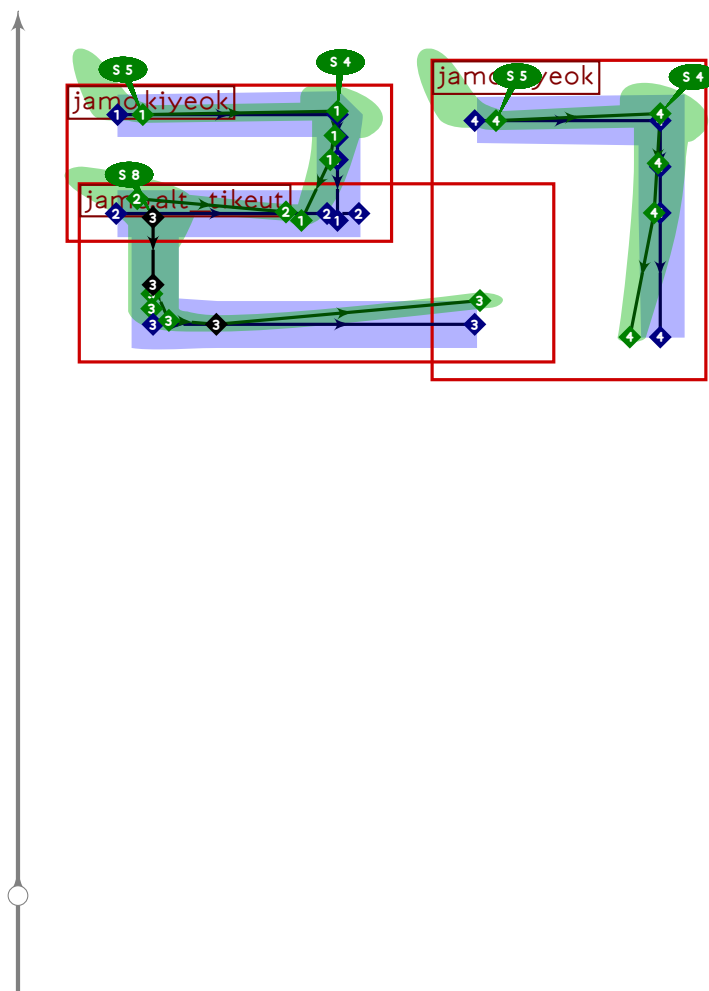


```

660 % hangul lead tikeut-cieuc
661 begintsuglyph("uniA963.bug";99);
662   hangul.combine.lr(203,112)(whatever,lixf,loxf);
663   tsu_render;
664 endtsuglyph;
665

```

U+FF764  
jieub.uniA964.bug

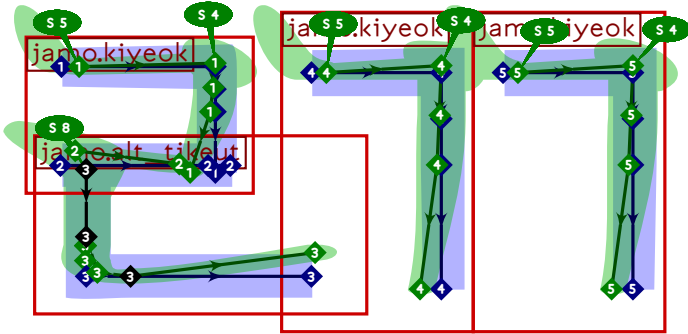


FF7

```

666 % hangul lead rieul-kiyeok
667 begint Suglyph("uniA964,bug",100);
668   hangul.combine.lr(205,100)(whatever,lxf,lxf);
669   tsu_render;
670 endts Suglyph;
671

```



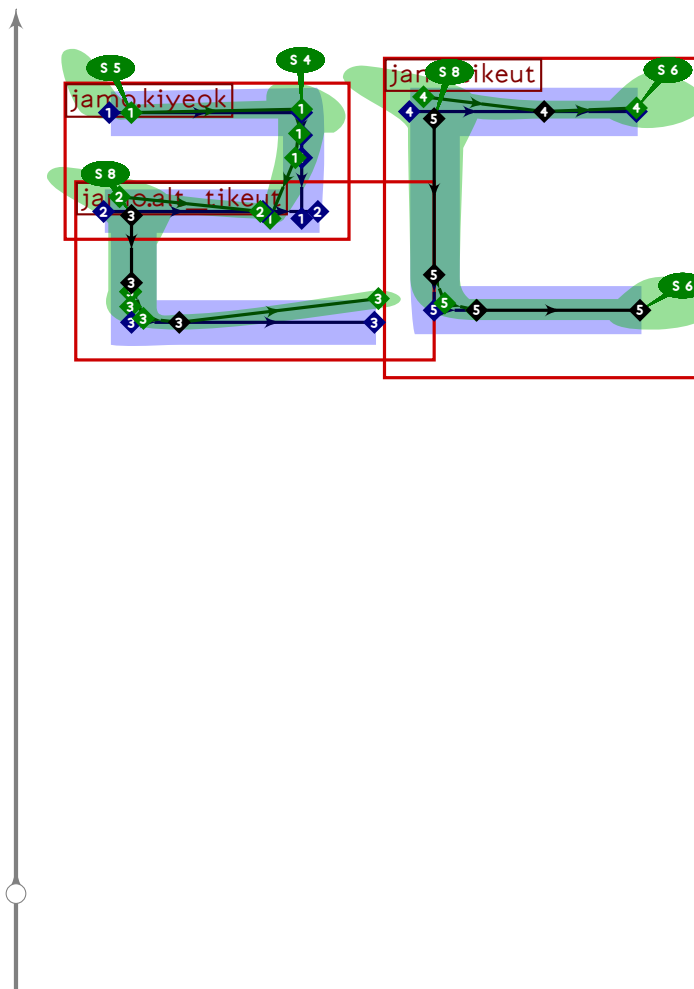
```

672 % hangul lead rieul-ssangkiyeok
673 begint Suglyph("uniA965. bug", 101);
674   hangul.combine.lcr(205, 100, 100)(whatever, lxf, loxf);
675   tsu__render;
676 endt Suglyph;
677

```

FF7

U+FF766  
jieub.uniA966.bug



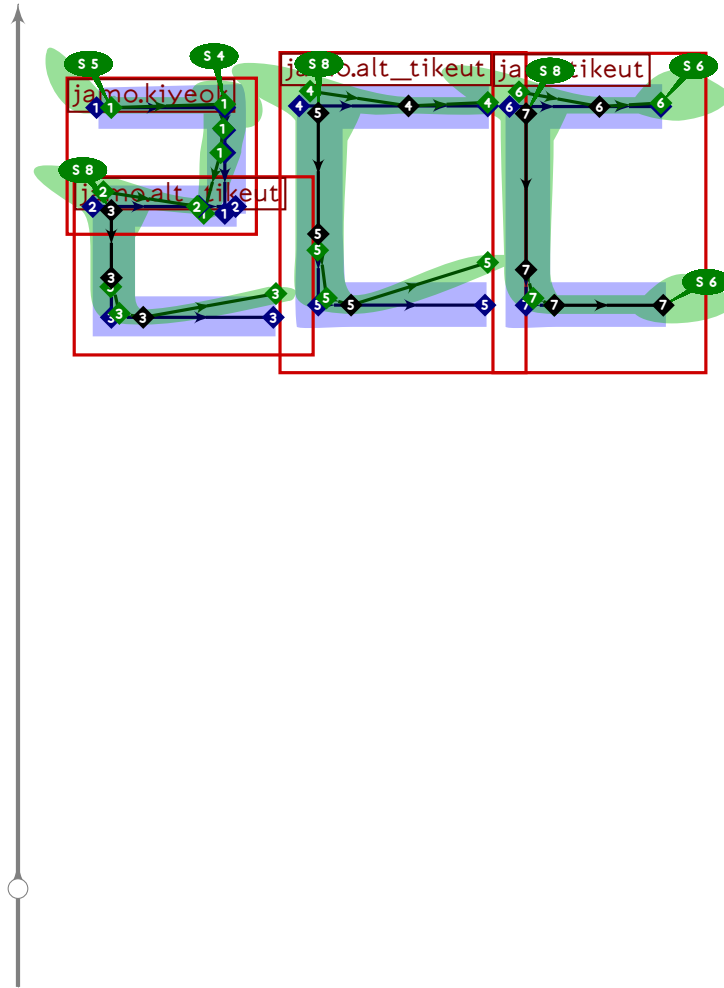
FF7

```

678 % hangul lead rieul-tikeut
679 begintsuglyph("uniA966.bug",102);
680 hangul.combine.lr(205,103)(whatever,lixf,loxf);
681 tsu_render;
682 endtsuglyph;
683

```



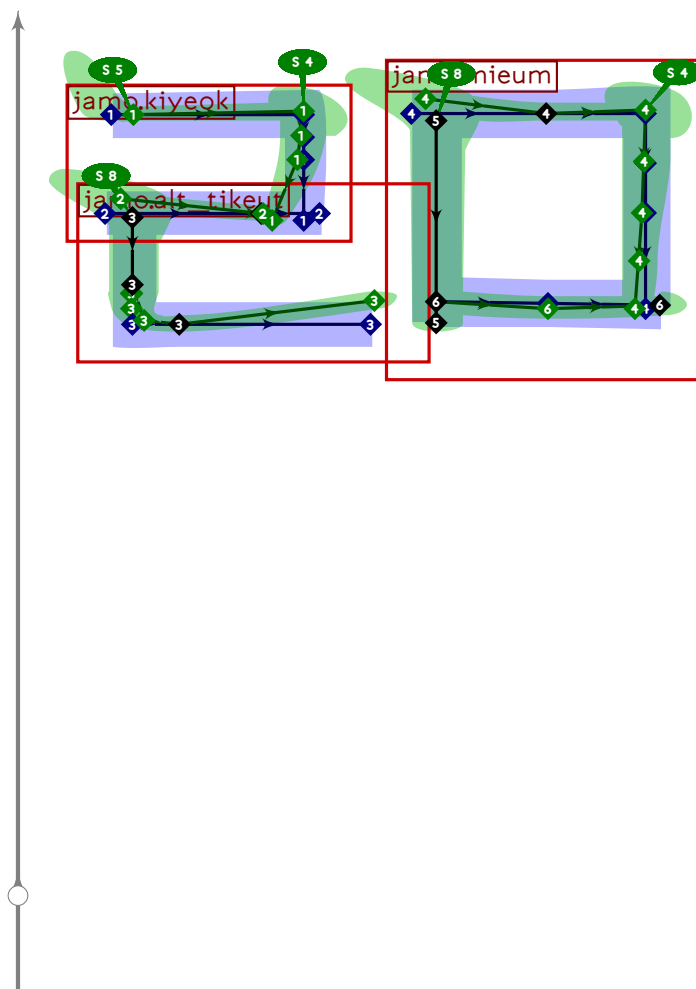


```

684 % hangul lead rieul-ssangtikeut
685 beginsuglyph("uniA967.bug",103);
686 hangul.combine.lcr(205,203,103)(whatever,lixf,loxf);
687 tsu_render;
688 endsuglyph;
689

```

U+FF768  
jieub.uniA968.bug

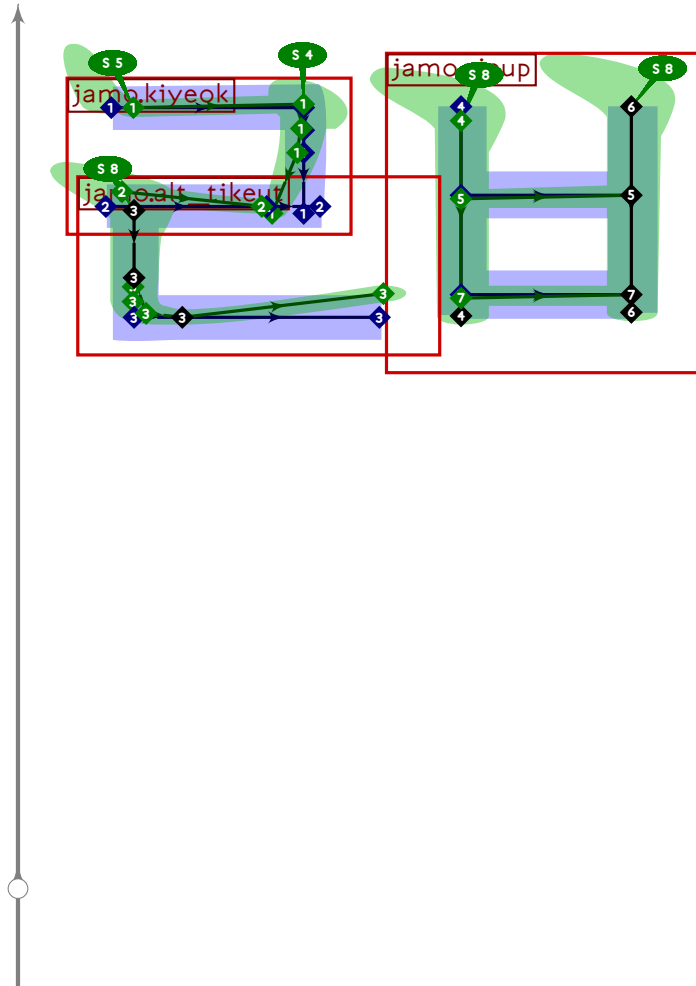


FF7

```

690 % hangul lead rieul-mieum
691 begintsuglyph("uniA968.bug",104);
692   hangul.combine.lr(205,106)(whatever,lixf,loxf);
693   tsu_render;
694 endtsuglyph;
695

```

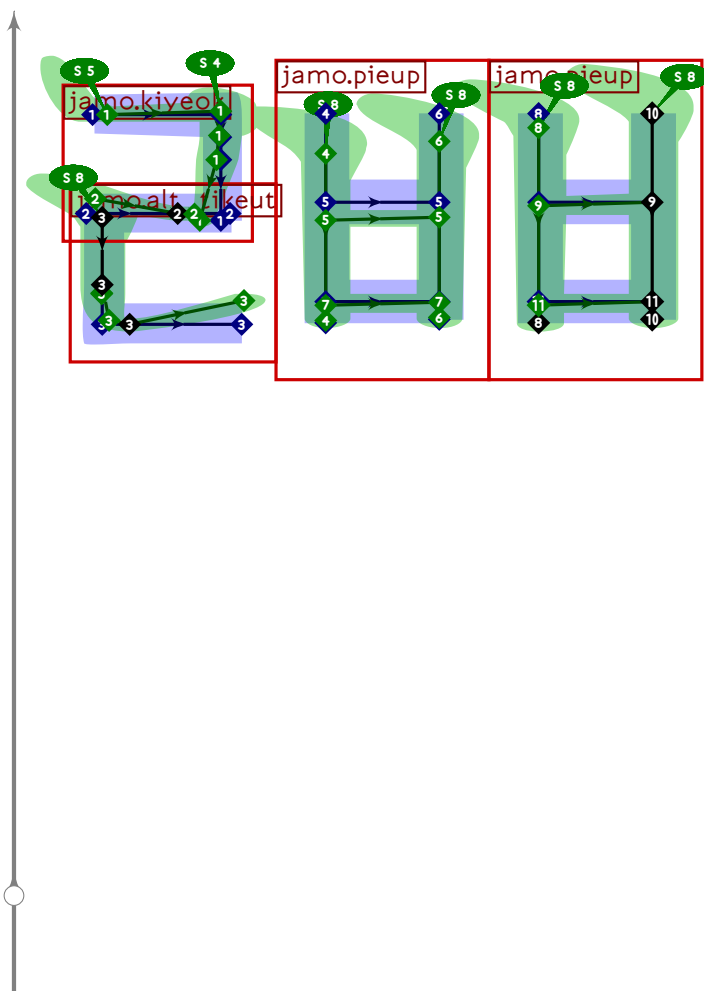


```

696 % hangul lead rieul-pieup
697 begintsuglyph("uniA969.bug",105);
698   hangul.combine.lr(205,107)(whatever,lixf,loxf);
699   tsu_render;
700 endsuglyph;
701

```

U+FF76A  
jieub.uniA96A.bug

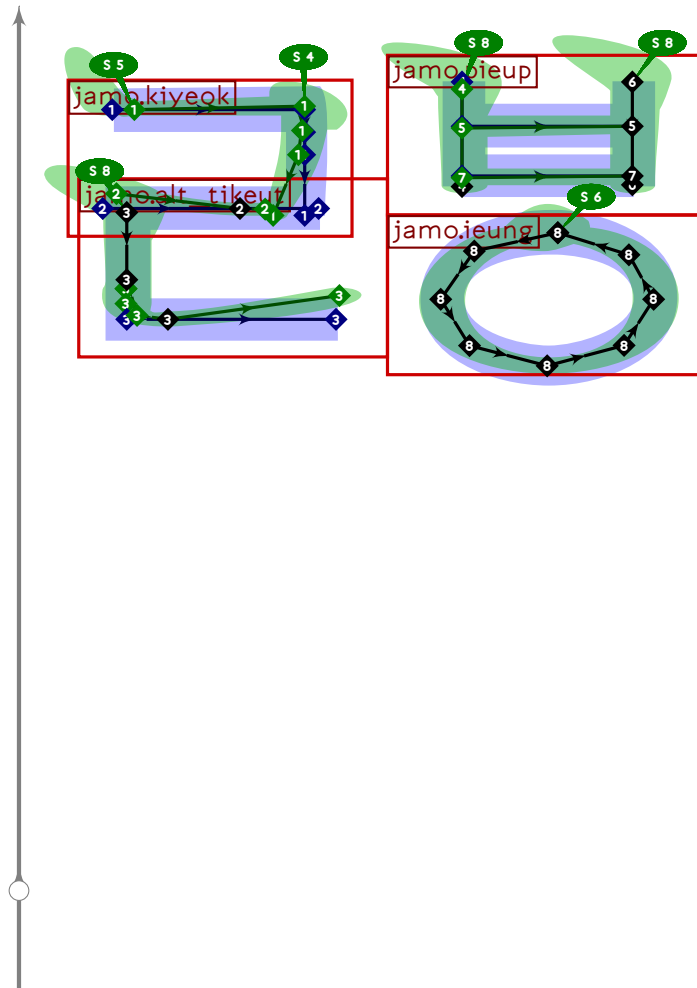


FF7

```

702 % hangul lead rieul-ssangpieup
703 begintsuglyph("uniA96A.bug",106);
704   hangul.combine.lcr(205,207,107)(whatever,lixf,loxf);
705   tsu_render;
706 endtsuglyph;
707

```

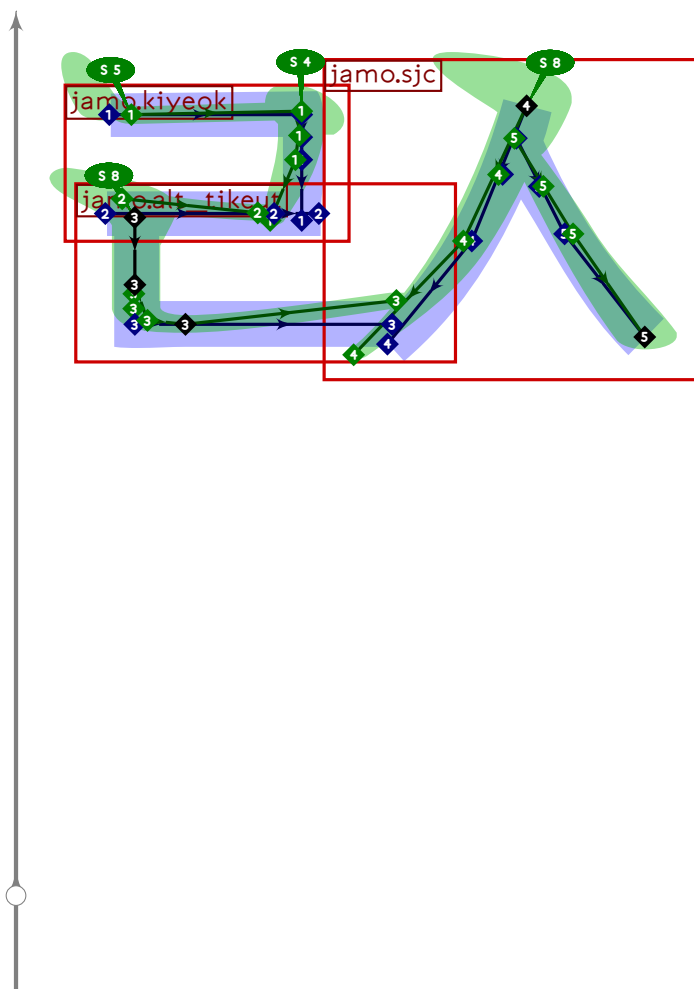


```

708 % hangul lead rieul-kapyeounpieup
709 begintsuglyph("uniA96B.bug";107);
710 hangul.combine.lr(205,231)(whatever,lixf,loxf);
711 tsu_render;
712 endsuglyph;
713

```

U+FF76C  
jieub.uniA96C.bug

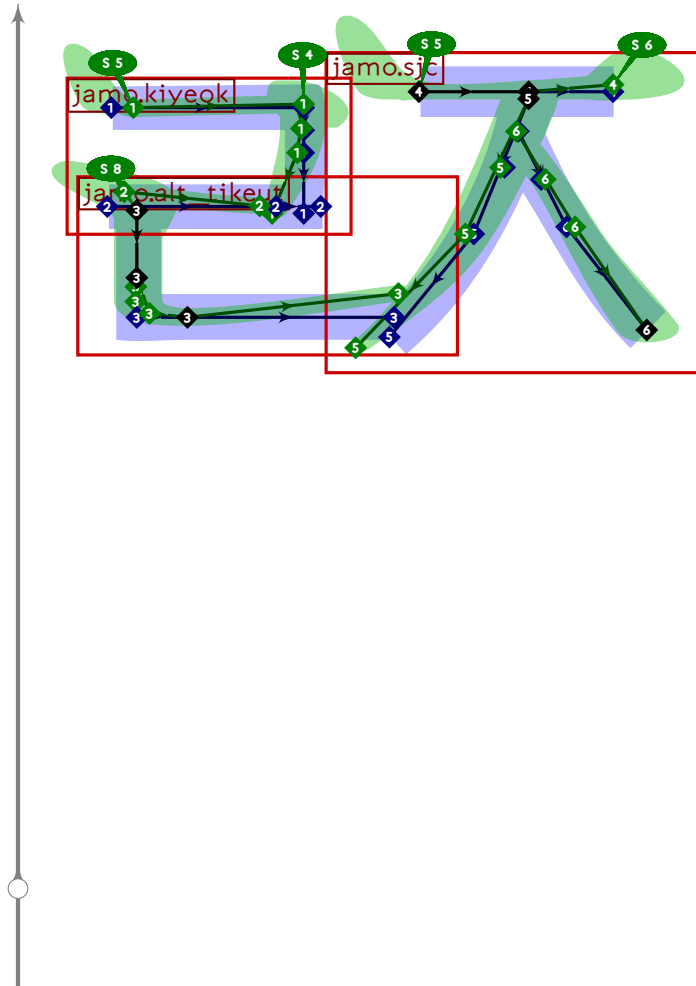


FF7

```

714 % hangul lead rieul-sios
715 begint Suglyph("uniA96C.bug",108);
716   hangul.combine.lr(205,109)(whatever,lxf,lxf);
717   tsu_render;
718 endts Suglyph;
719

```

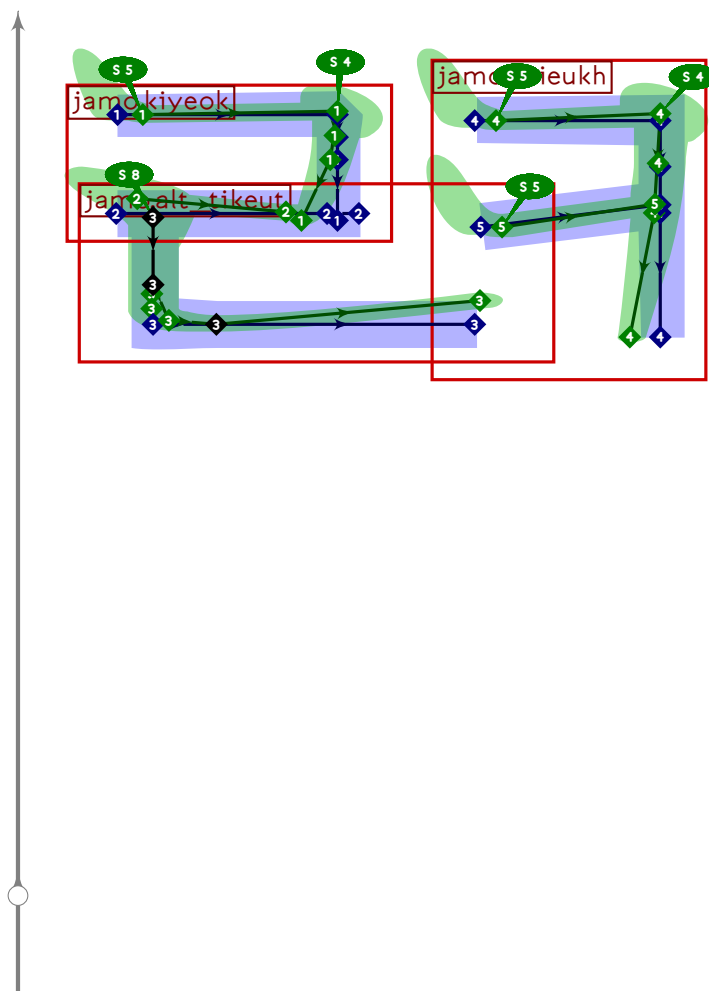


```

720 % hangul lead rieul-cieuc
721 begintsuglyph("uniA96D.bug",109);
722   hangul.combine.lr(205,112)(whatever,lixf,loxf);
723   tsu_render;
724 endtsuglyph;
725

```

U+FF76E  
jieub.uniA96E.bug



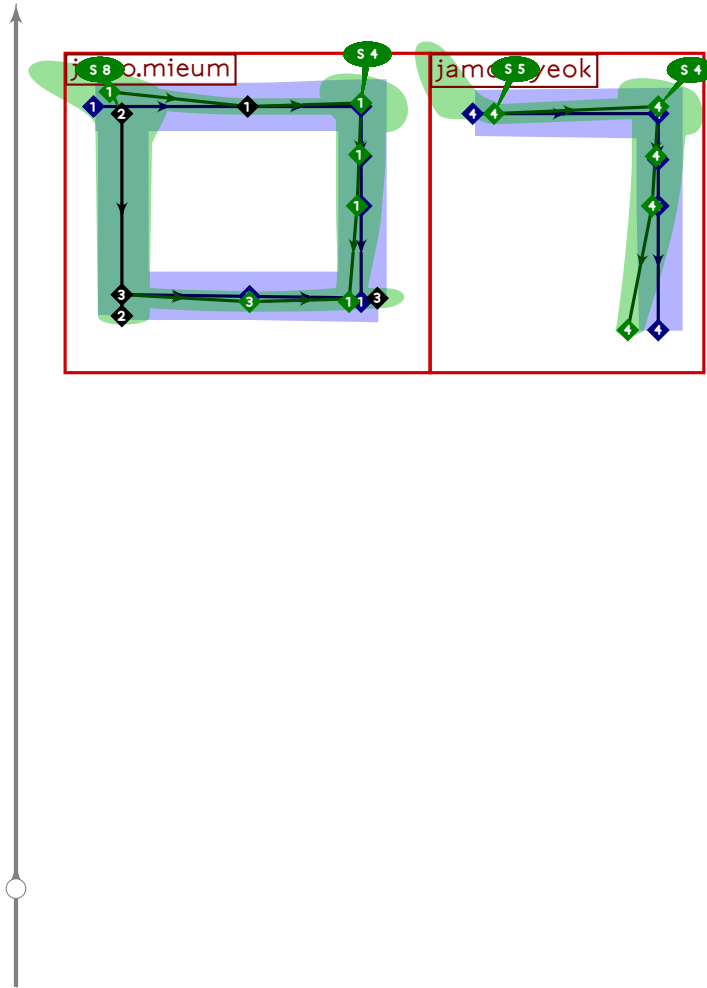
FF7

```

726 % hangul lead rieul-khieukh
727 begintsuglyph("uniA96E.bug",110);
728 hangul.combine.lr(205,115)(whatever,lixf,loxf);
729 tsu_render;
730 endsuglyph;
731

```



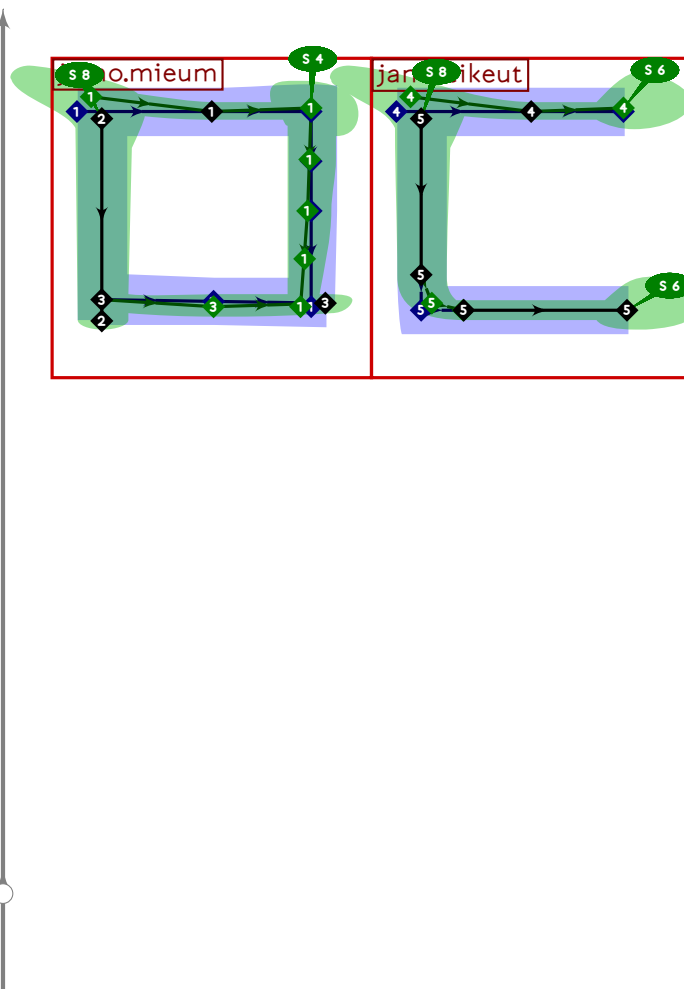


```

732 % hangul lead mieum-kiyeok
733 begintsuglyph("uniA96F.bug",111);
734 hangul.combine.lr(106,100)(whatever,lixf,loxf);
735 tsu_render;
736 endtsuglyph;
737

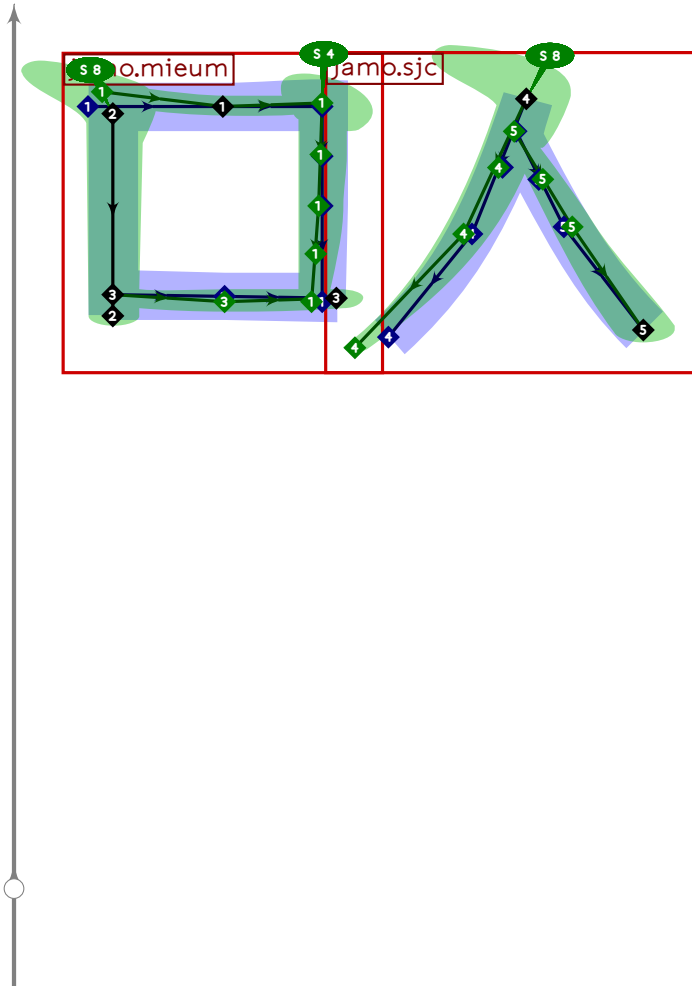
```

U+FF770  
jieub.uniA970.bug



FF7

```
738 % hangul lead mieum-tikeut
739 begintsuglyph("uniA970.bug",112);
740 hangul.combine.lr(106,103)(whatever,lixf,loxf);
741 tsu_render;
742 endtsuglyph;
743
```

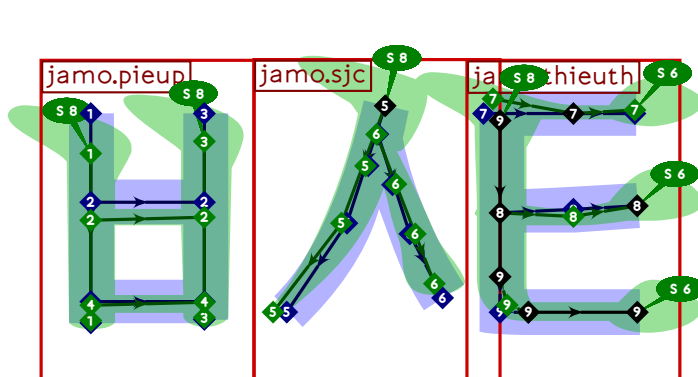


```

744 % hangul lead mieum-sios
745 begintsuglyph("uniA971.bug",113);
746 hangul.combine.lr(106,109)(whatever,lixf,loxf);
747 tsu_render;
748 endtsuglyph;
749

```

U+FF772  
jieub.uniA972.bug

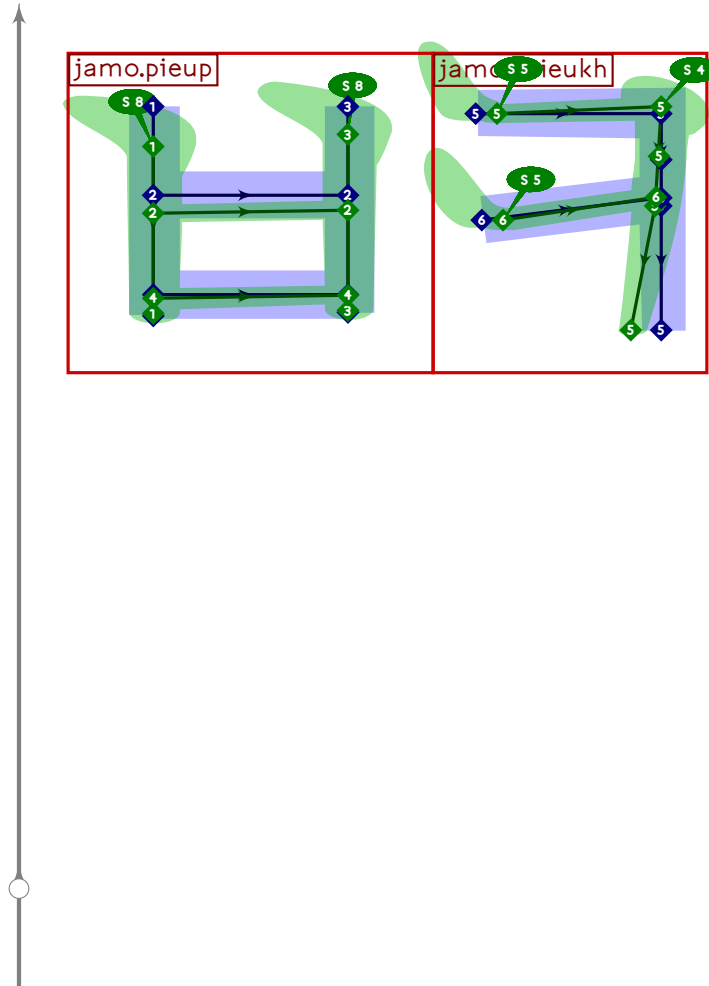


FF7

```

750 % hangul lead pieup-sios-thieuth
751 begintsuglyph("uniA972.bug",114);
752   hangul.combine.lcr(207,209,116)(whatever,lixf,loxf);
753   tsu_render;
754 endtsuglyph;
755

```

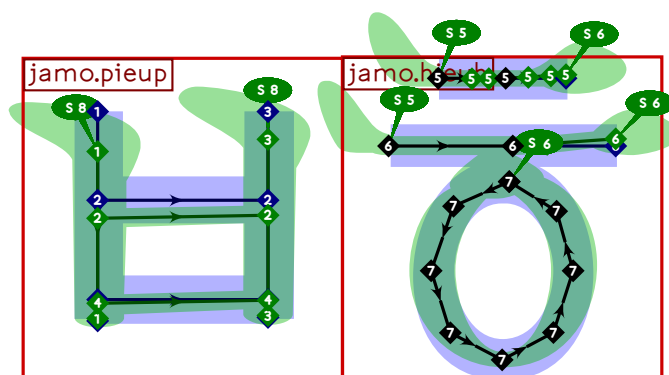


```

756 % hangul lead pieup-khieukh
757 begintsuglyph("uniA973.bug",115);
758   hangul.combine.lr(207,115)(whatever,lixf,loxf);
759   tsu_render;
760 endsuglyph;
761

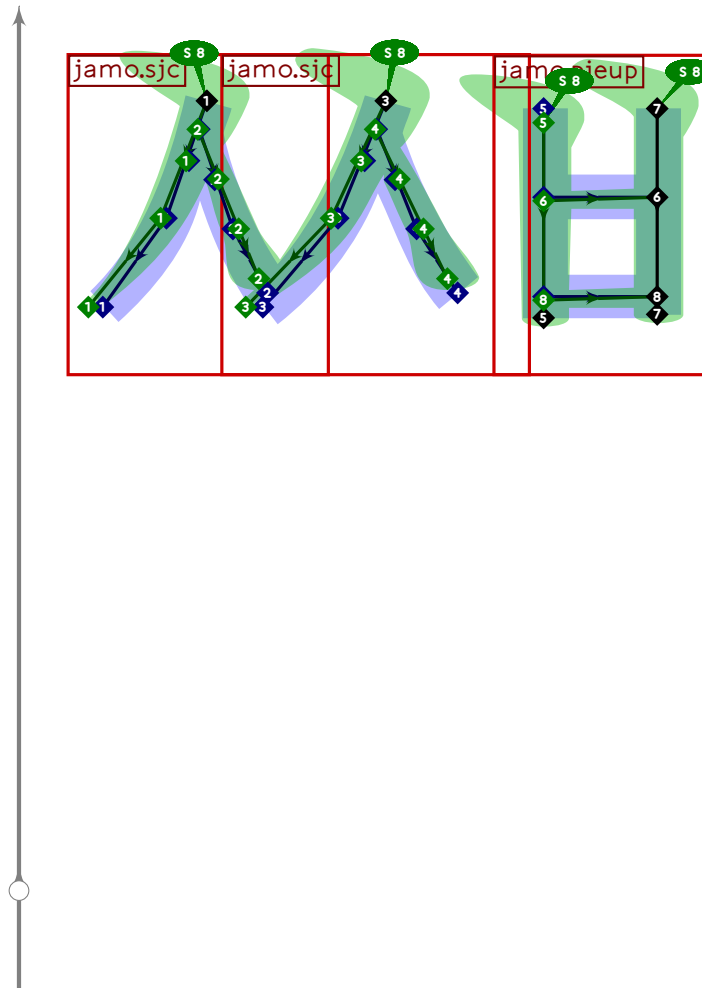
```

U+FF774  
jieub.uniA974.bug



FF7

```
762 % hangul lead pieup-hieuh
763 begintsuglyph("uniA974.bug";116);
764   hangul.combine.lr(207,118)(whatever,lixf,loxf);
765   tsu_render;
766 endtsuglyph;
767
```

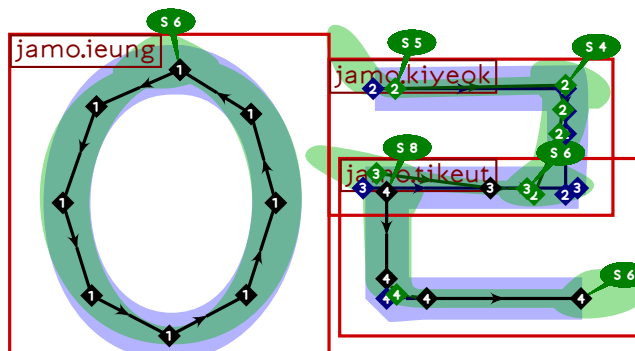


```

768 % hangul lead ssangsios-pieup
769 begintsuglyph("uniA975.bug";117);
770 hangul.combine.lcr(209,209,107)(whatever,lixf,loxf);
771 tsu_render;
772 endtsuglyph;
773

```

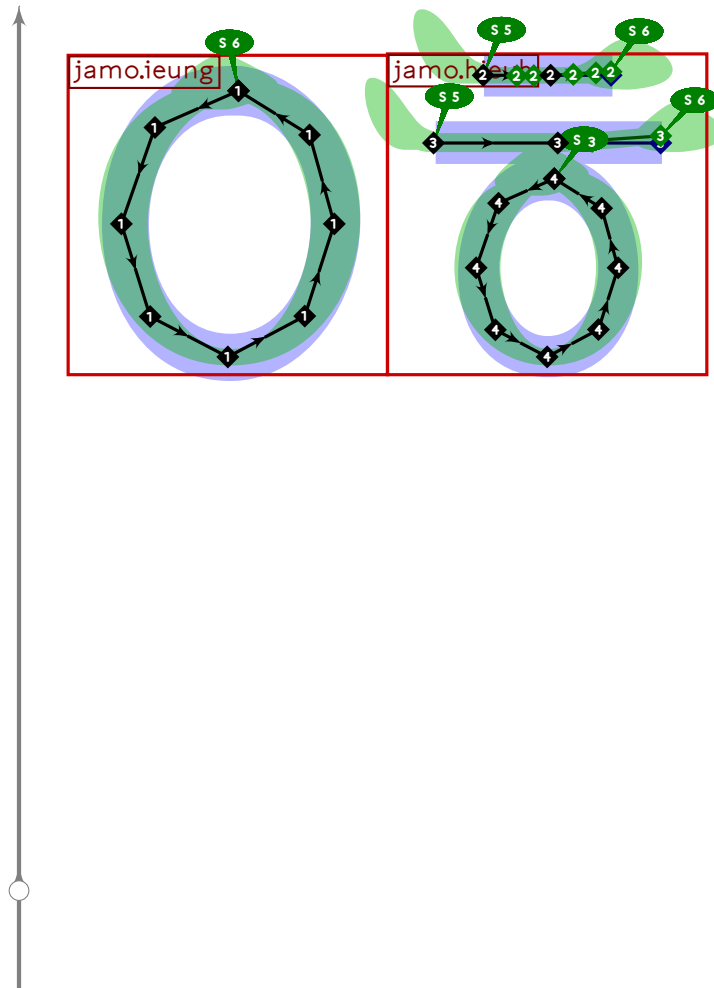
U+FF776  
jieub.uniA976.bug



FF7

```
774 % hangul lead ieung-rieul
775 begintsuglyph("uniA976.bug";118);
776   hangul.combine.lr(111,105)(whatever,lixf,loxf);
777   tsu_render;
778 endtsuglyph;
779
```



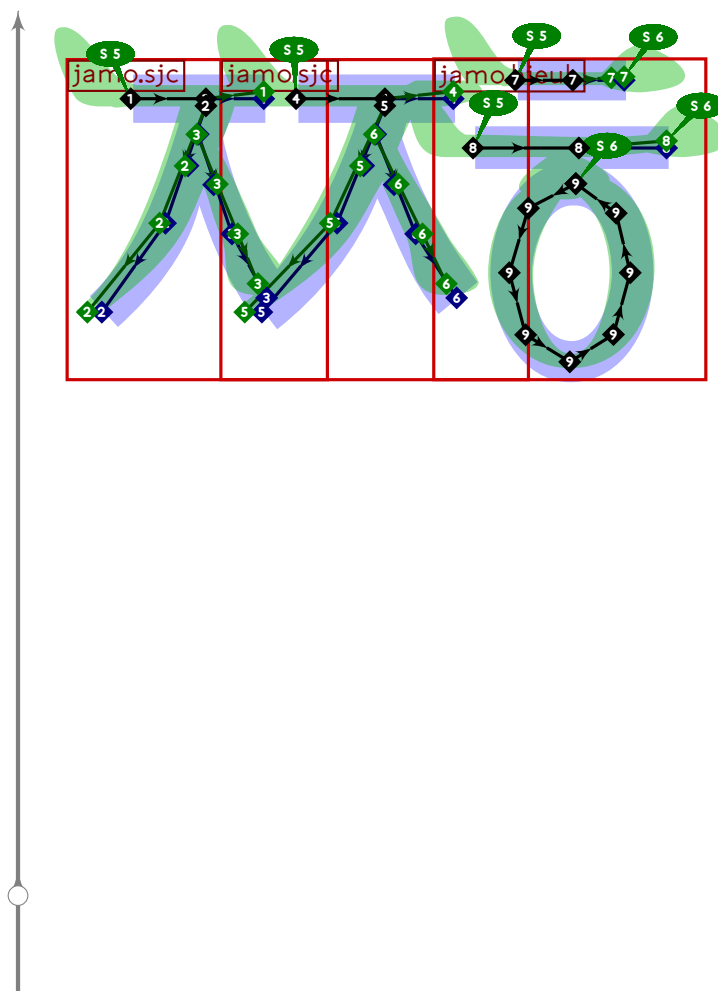


```

780 % hangul lead ieung-hieuh
781 begintsuglyph("uniA977.bug",119);
782   hangul.combine.lr(111,118)(whatever,lixf,loxf);
783   tsu_render;
784 endsuglyph;
785

```

U+FF778  
jieub.uniA978.bug

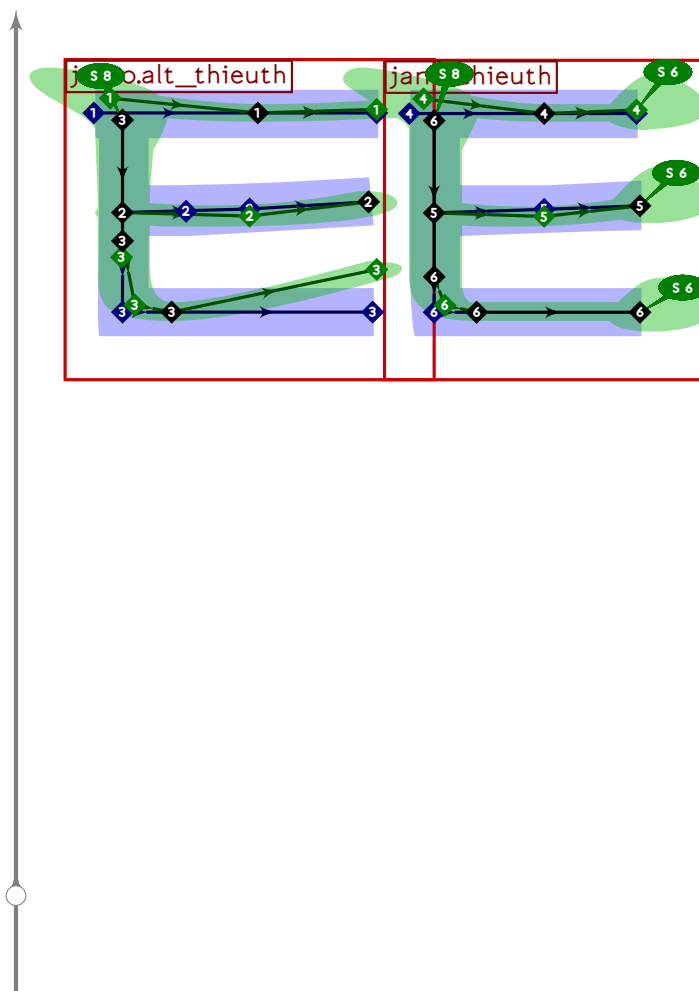


FF7

```

786 % hangul lead ssangcieuc-hieuh
787 begint Suglyph("uniA978.bug",120);
788   hangul.combine.lcr(212,212,118)(whatever,lixf,loxf);
789   tsu_render;
790 endtsuglyph;
791

```

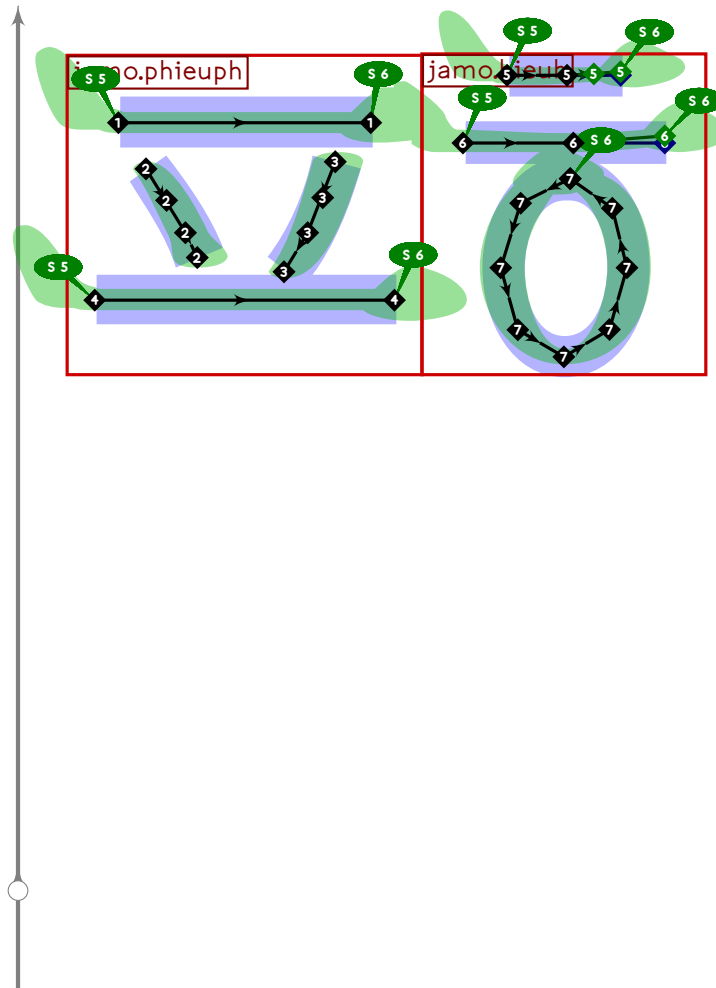


```

792 % hangul lead ssanghieuth
793 begintsuglyph("uniA979.bug",121);
794   hangul.combine.lr(216,116)(whatever,lixf,loxf);
795   tsu_render;
796 endtsuglyph;
797

```

U+FF77A  
jieub.uniA97A.bug

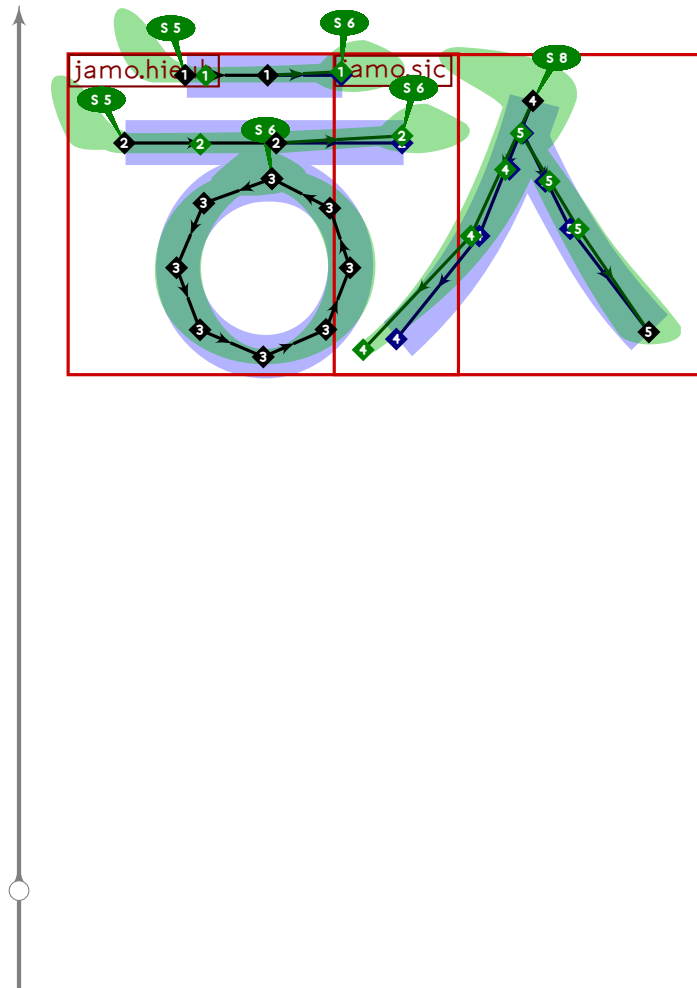


FF7

```

798 % hangul lead phieuph-hieuh
799 begintsuglyph("uniA97A.bug",122);
800 hangul.combine.lcr(117,230,118)(whatever,lixf,loxf);
801 tsu_render;
802 endtsuglyph;
803

```

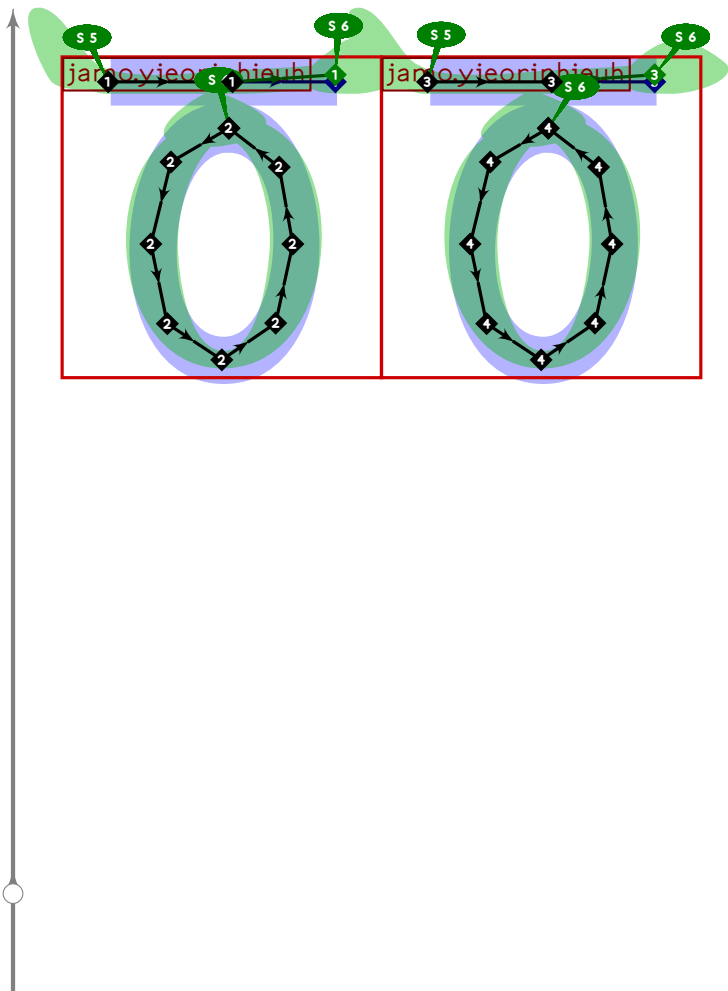


```

804 % hangul lead hieuh-sios
805 begintsuglyph("uniA97B.bug",123);
806 hangul.combine.lr(118,109)(whatever,lixf,loxf);
807 tsu_render;
808 endtsuglyph;
809

```

U+FF77C  
jieub.uniA97C.bug



FF7

```
810 % hangul lead ssangyeorinhieuh
811 begintsuglyph("uniA97C.bug",124);
812   hangul.combine.lcr(221,230,221)(whatever,lixf,loxf);
813   tsu_render;
814 endtsuglyph;
815
816
817
818 endfont;
819
820
```